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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1926.

8—154

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, 7, 11, and 13, of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provisions of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, 7, 11, or 13 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

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17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Form No. 1014, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, MIS.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated and all resulting changes are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, 10, and 13, and must be kept up to date. All footings on pages 4, 5, 7, and 11 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. The observation will be begun 20 minutes before 8 o'clock, 75th meridian time. The cipher report should be filed at the telegraph office at 8 a. m. or p. m., 75th meridian time. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 91, and 221). On Forms No. 1001 and No. 1083 erroneous entries in columns for original readings should have an ink line drawn through them. The obliteration of any entry in columns for original readings on Forms No. 1001 and No. 1083 is prohibited.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station as a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of — .089, to which add the sum of correction +.008 = —.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the current temperature and the corrected thermograph reading 12 hours previous. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the corrected thermograph reading 12 hours previous to the time of the special.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, except when the temperature is 42° or lower; and except when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is —0.5°. The true temperature is, therefore, 62.0° —0.5°=61.5°. For a reading of —8.0° the correction is —1.2°, the true temperature is —8.0° —1.2°= —9.2°. For a reading of —28.0° the correction is +7.8°, the true temperature is —28.0° +7.8°= —20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is —0.6°, and at —28.0° is —2°. The change of correction between +2° and —28° is —1.4°. For 7° it is about —0.3°. For a scale reading of —35.0°, which is 7° below —28.0°, the correction is —2.3°, and the true temperature is —35.0° —2.3°= —37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet

bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. With the exception mentioned in paragraph 71, the actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twi-

light correction thus entered will be included in the sums entered at the bottom of the page.

70. Under " Hours of sunshine " the column headed " Total " will be the total recorded, including twilight correction. The " Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly " sums " under " hours ending " shall not be discordant with the " divisors " employed at the end of the month, the first and last fractional proportions of the " twilight correction " will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The " Percentage of possible hours of sunshine " will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the " Possible " for the same date.

73. The daily sunshine percentage may, at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The " Percentage of possible for each hour " will be determined by dividing the " Sums," multiplied by 100, by the number of hours of possible sunshine for the entire month, during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the " Hours of possible sunshine " will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The " Percentage of possible " for the month will be determined by dividing the sum of column headed " Total," multiplied by 100, by the " Possible " for the month. The possible hours for the month is not always the sum of the daily totals. (See paragraph 28, Circular G.)

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time, the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink, and the entries for the fractional hours will be recorded to hundredths.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176–179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as " 0 " the direction for that hour will also be " 0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

91. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

92. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248.
The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

The sum of the percentages of time from the eight directions should be 100. When this sum is more than 100, deduct 1 per cent from one, or more, of the percentages which was increased most in discarding the decimals, to reduce the sum to 100. Likewise, when the sum is less than 100, add 1 per cent to one, or more, of the percentages according to a similar rule. The same rules apply to the percentage of miles.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, and fog will be recorded in tenths, and must be designated as dense or light. These amounts will not be considered in footing up the columns.

96. When dense haze, dense smoke, or dense fog obscures eight-tenths or more of the sky and no other clouds are visible, the state of the weather will be recorded as "Hazy," "Smoky," or "Foggy." Otherwise the state of the weather will be determined by the proportion of visible sky covered with clouds.

98. Haze will not be given a direction. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction. The most frequent kind and direction of clouds, page 9, Form 1001, will be determined by the entries on pages 2, 3, and 11. Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums and averages.

99. If there be two or more levels of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "Measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt or weigh the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the

gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observations on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the means of three measurements when the snow is drifted), will be entered in the column headed "On the ground at ..... p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96 and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, and thunder has been heard or lightning seen within the hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction of clouds.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 or 13 at stations that prepare either or both pages and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare pages 6 or 13. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico. In the spring all frosts will be recorded, beginning March 1, in the portions of Washington and Oregon west of the Cascade Mountains.

125. In the spring in all sections, except those mentioned in paragraph 124, the date of occurrence of each frost will be recorded on and after the date that the daily normal temperature is 43°.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frost will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality; and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

134. In describing weather conditions and phenomena midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town, the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at or within 25 miles of the station, a report will be made in the "Met'l Notes," stating the size of the stones and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar, and lunar; rainbows; coronas; parhelia; paraselenæ and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through, west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed " Total " and " Possible " will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The " Percentage " will be taken from the monthly percentage of " Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. At stations preparing page 13, the prevailing direction for the year will be determined by the direction having the greatest number of hours; at all other stations it will be determined from the sums of " Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed " For the month " from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, " Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading " Temperature at the end of hour " the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under " State of weather " enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be " R. B. 9.15 " in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading " Total depth of snow," etc., the total depth of snowfall for the twenty-four hours ending at the local standard time corresponding to 8 p. m., 75th meridian time, will be entered.

159. When necessary, additional data in regard to hail fall and sleet fall, and ground covering of hail, sleet, and ice will be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation " will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated, and a note to that effect will be made.

163. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and the standard astronomical symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " Character of the day " will be entered in the space provided for it.

164. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph traces, including the red-ink corrections entered on the original trace, will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, AND No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.40 p. m. and 7.45 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated, thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12 gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon, both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (✓) (✓), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 29, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the weighing gage is emptied at any hour other than noon, the time of precipitation and the amount measured will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate and the time the precipitation fell below that rate. This, however, must

not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below the excessive rate shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under " Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	.....	*2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	.....	*3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

* Continued from line above.

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts which is apt to increase with the rate of rainfall and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general, the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded (1.14÷0.09=12; dropping all fractions).

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips (0.86÷0.06=14).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at the exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or

lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 216 and 219.

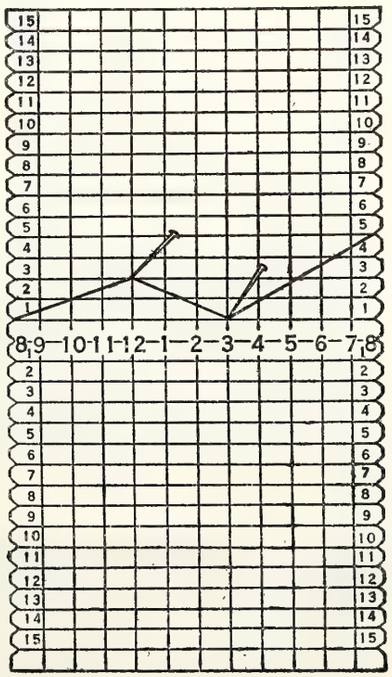
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—The barograph pen should be touched at 12 noon, local standard time; if not touched within five minutes of that time a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.



Thermograph correction card.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheets and on the copy of the trace on Form 1014, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the records.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation "Form No. 1030—Met'l" should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

229. The regular data called for on Form 1030—Met'l, will be prepared as formerly, but where special tables or other data involving time, as hourly values of temperature, precipitation, and the beginnings and endings of precipitation, etc., are published, they should appear in "local standard time" throughout the year.

FORM No. 1083.

230. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, *1927.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. ∅

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, room 911-12 Tri State Bldg first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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(1) ∅ Self-recording rain gage not in use during month.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1927.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.293	.119	29.174	30.13	15.5	15.0	14	91	.077	29.7	15.5	N	5			T	2	St cu	N	Clear		O.E.R.	1
2	68.0	28.880	.112	28.768	29.72	21.8	21.1	19	90	.098	21.8	20.6	SW	12			0	10	St	SW	Cloudy		O.E.R.	2
3	69.0	29.032	.115	28.917	29.87	33.3	31.7	29	84	.157	35.1	32.1	SW	4			T	10	St	SW	Cloudy		O.E.R.	3
4	68.0	28.751	.112	28.639	29.57	35.1	34.6	34	95	.195	36.1	33.1	W	15			.02	10	Nb	W	Lt. Rain		O.E.R.	4
5	68.0	29.012	.112	28.900	29.85	33.2	28.8	21	57	.108	36.6	33.2	W	16			0	7	St cu	W	Pt. Cloudy		O.E.R.	5
6	67.0	29.102	.110	28.992	29.94	27.2	24.6	20	69	.103	31.0	27.2	NW	9			0	10	St cu	NW	Cloudy		O.E.R.	6
7	71.0	29.474	.122	29.352	30.32	22.2	20.3	16	74	.085	25.1	22.2	N	4			0	2	St cu	NW	Clear		O.E.R.	7
8	68.5	29.506	.115	29.391	30.36	21.1	19.0	14	70	.077	26.2	21.1	E	7			0	9	a St	W	Cloudy		O.E.R.	8
9	68.0	29.168	.113	29.055	30.02	19.3	18.5	16	88	.085	24.0	19.1	SE	5			0	10	St cu	E	Cloudy		O.E.R.	9
10	69.5	29.273	.117	29.156	30.12	16.2	15.4	13	86	.074	22.4	16.2	NE	8			.05	8	St	NE	Cloudy		O.E.R.	10
11	69.0	29.535	.117	29.418	30.39	18.1	17.5	16	90	.085	24.0	15.3	N	4			0	10	St	N	Cloudy		O.E.R.	11
12	70.5	29.522	.121	29.401	30.37	15.1	14.7	13	93	.074	19.9	9.8	SW	12			0	8	St cu	SW	Cloudy		O.E.R.	12
13	67.5	29.421	.113	29.308	30.27	31.6	31.6	32	100	.180	31.6	26.6	S	10			.23	10	Nb	S	Lt. Snow		O.E.R.	13
14	69.0	29.581	.117	29.464	30.43	15.4	15.0	14	93	.077	31.0	13.3	N	4			.08	8	a St	W	Cloudy		O.E.R.	14
15	70.0	29.736	.120	29.616	30.63	−4.8	−4.8	−5	100	.029	5.3	−4.8	W	5			T	8	a cu	NW	Cloudy		O.E.R.	15
16	70.5	29.435	.121	29.314	30.30	5.3	5.0	4	92	.047	5.3	−2.8	W	14			0	8 1	a St a cu	W W	Cloudy		O.E.R.	16
17	69.5	29.253	.117	29.136	30.10	23.3	21.7	18	79	.093	23.8	16.3	SW	9			0	9	St cu	SW	Cloudy		O.E.R.	17
18	73.0	29.410	.127	29.283	30.24	26.3	26.1	26	98	.136	30.0	24.2	E	10			T	10	Nb	E	Lt. Snow		O.E.R.	18
19	72.5	28.973	.124	28.849	29.80	40.3	40.3	40	100	.247	41.0	28.0	SW	10			.13	10	Nb	SW	Lt. Rain		O.E.R.	19
20	73.5	29.482	.129	29.353	30.31	27.3	26.3	24	88	.124	30.0	25.1	NE	3			0	10 7	St Lt. Smoke	NE NE	Cloudy		O.E.R.	20
21	73.0	29.386	.127	29.259	30.21	33.6	33.6	34	100	.195	34.0	32.6	SE	5			0	10	Dense Fog	SE	Foggy		O.E.R.	21
22	70.0	29.590	.119	29.471	30.43	28.2	27.7	27	94	.143	37.0	28.2	NW	11			T	10	St	NW	Cloudy		O.E.R.	22
23	72.0	29.577	.125	29.452	30.42	22.2	22.0	21	97	.108	22.2	17.6	NE	6			.09	10	Nb	NE	Sleeting		O.E.R.	23
24	72.5	29.586	.126	29.460	30.43	16.5	16.3	16	97	.085	25.3	16.5	NW	5			0	3	a St	W	Clear		O.E.R.	24
25	72.0	29.523	.125	29.398	30.37	18.1	17.9	17	97	.089	28.9	18.1	SW	7			0	0	0	0	Clear		O.E.R.	25
26	70.5	29.933	.123	29.810	30.80	0.8	0.0	−4	75	.031	32.6	0.8	NE	15	27	N	0	3	a St	W	Clear		O.E.R.	26
27	75.0	29.953	.135	29.818	30.84	−3.8	−3.8	−4	100	.031	5.6	−3.8	NE	7			0	4	ci St	W	Pt. Cloudy		O.E.R.	27
28	75.0	29.217	.132	29.085	30.03	36.3	35.1	34	89	.195	39.6	30.0	S	24	30	S	T	10	Nb	S	Lt. Rain		O.E.R.	28
29	73.5	29.161	.128	29.033	29.98	36.2	36.2	36	100	.211	36.6	35.0	SW	14			T	10	Dense Fog	SW	Foggy		O.E.R.	29
30	74.5	28.943	.129	28.814	29.74	36.7	33.7	30	74	.164	47.6	35.6	SW	18			.05	1 1	a St St cu	W W	Clear		O.E.R.	30
31	69.5	29.510	.118	29.392	30.35	31.1	27.9	22	67	.113	31.2	29.1	W	12	28	W	0	10	St cu	NW	Cloudy		O.E.R.	31
Sums		(a)	(a)	906.478	936.34	698.7	669.0	607	2727	3516	(a)	(a)	(a)	290	(a)	(a)	0.65	222	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.241	30.205	22.5	21.6	19.6	88.0	.113	(a)	(a)	(c) SW	9.4	(a)	(a)	(a)	7.2	U Ci. St. L St-Cu	U NW L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1927.

Number of Station barometer, 656; sum of corrections, —.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.241	.121	29.120	30.08	21.2	19.7	16	78	.085	24.7	14.6	SW	8			0	2	acu	NW	Clear			O.E.R.	1
2	69.0	28.891	.115	28.776	29.72	34.2	32.8	31	87	.172	34.6	21.8	W	13			T	10	Nb	W	Lt. Rain			O.E.R.	2
3	73.0	28.742	.124	28.618	29.55	35.0	33.0	30	82	.164	38.0	32.4	SE	5			0	10	St	SE	Cloudy	B 7:30a E 2:45p		P.M.C.D.	3
4	73.5	28.892	.127	28.765	29.70	36.0	33.8	31	80	.172	36.4	34.6	NW	16	25	NW	T	10	St	NW	Cloudy			P.M.C.D.	4
5	69.0	29.017	.115	28.902	29.85	31.0	28.0	23	69	.118	37.0	31.0	W	12			0	10	Stcu	W	Cloudy			P.M.C.D.	5
6	72.5	29.262	.125	29.137	30.10	24.3	22.1	18	72	.093	29.0	24.3	W	10			T	0	0	0	Clear			P.M.C.D.	6
7	74.0	29.562	.130	29.432	30.40	26.0	23.0	16	64	.085	27.6	22.2	SE	5			0	10	St	SE	Cloudy			P.M.C.D.	7
8	72.0	29.364	.124	29.240	30.20	24.0	21.0	14	61	.077	26.4	20.3	E	4			0	5 3	ast Stcu	W E	Cloudy			P.M.C.D.	8
9	70.5	29.138	.120	29.018	29.98	22.4	22.2	22	97	.113	26.6	19.3	NE	7			.05	10	Nb	NE	Lt. Snow			O.E.R.	9
10	73.5	29.432	.129	29.303	30.27	24.0	22.0	18	74	.093	27.0	14.6	N	3			T	9	Stcu	N	Cloudy			P.M.C.D.	10
11	74.0	29.538	.130	29.408	30.38	19.9	17.5	11	65	.066	26.4	18.1	SW	9			0	0	0	0	Clear			P.M.C.D.	11
12	73.0	29.422	.127	29.295	30.27	28.0	26.0	22	77	.113	29.0	15.1	S	7			0	10	St	S	Cloudy			P.M.C.D.	12
13	74.0	29.284	.129	29.155	30.11	31.0	31.0	31	100	.172	32.9	31.0	SE	1			.34	10	Nb	SE	Lt. Snow			P.M.C.D.	13
14	73.5	29.662	.130	29.532	30.51	5.3	4.9	3	89	.044	20.8	5.3	W	12			.01	6	Stcu	NW	Pt. Cloudy			P.M.C.D.	14
15	74.0	29.640	.131	29.509	30.51	3.0	2.4	-1	83	.036	12.0	-6.5	W	7			T	0	0	0	Clear			P.M.C.D.	15
16	73.5	29.190	.128	29.062	30.03	19.3	17.1	11	67	.066	21.2	5.3	S	10			0	0	0	0	Clear			O.E.R.	16
17	72.0	29.364	.124	29.240	30.20	30.0	27.4	23	72	.118	35.0	23.3	SW	5			0	4	ast	W	Pt. Cloudy			P.M.C.D.	17
18	76.0	29.192	.134	29.058	30.02	28.0	28.0	28	100	.150	29.0	26.0	E	7			.23	10	Nb	E	Lt. Snow			P.M.C.D.	18
19	74.0	29.282	.129	29.153	30.10	30.0	29.0	27	89	.143	40.3	30.0	W	9			.06	10	St	W	Cloudy			P.M.C.D.	19
20	76.0	29.453	.135	29.318	30.28	34.0	33.0	32	90	.180	35.0	27.3	E	7			0	10	St	NE	Cloudy			P.M.C.D.	20
21	75.0	29.392	.133	29.259	30.21	37.0	37.0	37	100	.219	41.2	33.6	SW	9			0	10	Dense Fog	SW	Foggy	B 10:10am E 5:30pm B 7:15a E 9:40a	B D N a E 10:10a B 5:30p E D N p	P.M.C.D.	21
22	75.5	29.732	.135	29.597	30.57	20.3	19.3	17	85	.089	28.2	20.3	NE	9			0	8	Stcu	NE	Cloudy			P.M.C.D.	22
23	72.5	29.581	.126	29.455	30.43	25.3	23.8	21	81	.108	26.7	22.2	NW	5			.06	10	St	NW	Cloudy			O.E.R.	23
24	75.5	29.561	.134	29.427	30.40	28.9	25.2	18	59	.093	35.0	15.6	SW	10			0	0	0	0	Clear			P.M.C.D.	24
25	75.0	29.524	.133	29.391	30.36	32.6	28.1	20	56	.103	40.7	17.7	NW	7			0	0	0	0	Clear			P.M.C.D.	25
26	78.0	30.102	.143	29.959	30.97	5.6	5.0	3	85	.044	10.0	-1.2	NE	10			0	0	0	0	Clear			P.M.C.D.	26
27	77.0	29.584	.138	29.446	30.43	30.0	27.0	22	68	.113	30.0	-3.8	SE	16			0	10	St	SE	Cloudy			P.M.C.D.	27
28	75.0	29.154	.132	29.022	29.97	36.6	36.1	36	95	.211	37.8	35.2	SW	14	26	S	.01	10	Nb	SW	Lt. Rain			P.M.C.D.	28
29	73.5	28.812	.126	28.686	29.62	44.2	44.2	44	100	.287	45.0	36.2	S	14			T	10	Dense Fog	S	Foggy	B 9:30a E 6:00p	B D N a E 9:30a B 6:00p E D N p	P.M.C.D.	29
30	75.0	29.305	.132	29.173	30.11	31.2	28.4	24	71	.124	40.0	31.2	W	18	28	W	0	Few	Stcu	W	Clear			O.E.R.	30
31	75.5	29.584	.134	29.450	30.41	32.2	30.1	27	78	.143	37.0	29.9	NW	5			0	0	0	0	Clear			P.M.C.D.	31
Sums		(a)	(a)	905.906	935.74	830.5	778.1	675	2474	3.794	(a)	(a)	(a)	274		(a)	0.96	177	(a)	(a)	(a)	4	2	(a)	(a)
Means		(a)	(a)	29.223	30.185	26.8	25.1	21.8	79.8	.122	(a)	(a)	(c) W	8.8		(a)	(a)	5.7	U a.St. L St.	U W L SE & W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1927.

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Saturday 1	25	15	10	10	20																0				0	T	3.5	0	1
2	35	21	14	8	28				Sm	3:40p	5:00p	R	5:00p	8:43p	Sm	8:43p	DNp				T°				0	T	3.2	T	2
3	38	32	6	7	35				R	8:20p	Cont'd										.01				0	T	2.0	0	3
4	37	34	3	1	36				R	Cont'd	8:00a										.01°				0	0	1.0	0	4
5	37	30	7	2	34																0				0	0	0.8	0	5
6	30	23	7	8	26				Sm	12:45p	2:50p										T				0	T	0.8	T	6
7	28	22	6	1	25																0				0	0	0.8	0	7
8	26	20	6	2	23																0				0	0	0.8	0	8
9	27	19	8	0	23				Sd	7:45a	Cont'd										.10°				0	0.5	1.3	.10°	9
10	27	15	12	2	21				Sd	Cont'd	DNa	Sd	3:50p	4:30p							T°				0	0.5	1.8	T°	10
11	26	10	16	3	18																0				0	0	1.5	0	11
12	29	11	18	2	20				Sm	9:00p	Cont'd										.18°				0	0	1.3	.18°	12
13	33	18	15	6	26				Sm	Cont'd	DNp										.67°				0	7.5	8.8	.67°	13
14	21	-1	22	16	10				Sd	7:35a	4:30p	Sd	7:10p	8:30p							.01				0	0.9	9.7	.01	14
15	12	-6	18	7	3				Sd	2:20p	2:40p										T				0	T	9.7	T	15
16	21	-3	24	6	9																0				0	0	9.7	0	16
17	35	16	19	17	26																0				0	0	8.0	0	17
18	30	24	6	1	27				Sm	DNa	4:30p	Sm	5:50p	7:10p	R	7:10p	Cont'd				.23°				0	2.5	10.5	.23	18
19	41	25	16	6	33				R	Cont'd	8:15a										.19°				0	T	7.5	0	19
20	35	25	10	3	30																0				0	0	6.5	0	20
21	41	33	8	7	37				R	DNp	Cont'd										T				0	0	4.0	0	21
22	33	18	15	11	26				R	Cont'd	DNa										T				0	0	3.5	0	22
23	27	18	9	4	22				Sl	DNa	12:15p	Sd	12:15p	1:45p							.15				0.4	T	3.9	T	23
24	35	16	19	4	26																0				0	0	3.6	0	24
25	41	18	23	4	30																0				0	0	3.3	0	25
26	21	-1	22	20	10																0				0	0	3.3	0	26
27	32	-4	36	4	14																0				0	0	3.3	0	27
28	40	32	8	22	36				R	DNa	DNp										.01				0	0	2.0	0	28
29	48	35	13	6	42				R	5:45p	6:00p	R	7:50p	DNp							.05				0	0	1.0	0	29
30	44	29	15	6	36																0				0	0	T	0	30
31	37	29	8	3	33																0				0	0	T	0	31
S	992	573	419	199	785		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.61		Total excess or deficiency since Jan. 1,		0.4	11.9	(a)	(a)	(a)
M	32.0	18.5	13.5	6.4	25.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. *Inches and tenths.

°Amounts before and after midnight estimated

SUMMARY FOR THE MONTH OF January, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.241	29.223	29.232	29.959	26	28.500	3	1.459	30.205	30.185	30.195	30.97	26	29.43	3	1.54
Corrected mean		29.227						Corrected mean		30.190					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
22.5	26.8	24.6	21.6	25.1	23.4	32.0	18.5	25.2	48	29	-6	15	54	36	27	3	4

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
19.6	21.8	20.7	88.0	79.8	83.9	.113	.122	.118	15	0	27	5

Clouds.
Most frequent clouds: Stratus.
Most frequent direction upper clouds: West
Most frequent direction lower clouds: SW. & W.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7078	9.5	W	30	S	28	5	8	5	6	5	14	12	7	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.2	5.7	7.1	31	6	7	18	0	0	11

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not recorded			0	0	7, 12, 16, 22, 24, 26	0	3, 21, 22, 29	21, 29	0	0	20	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.61	0.85	12-13	0			0			6	11	7	1	0	17	10	5	11.9	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket rain gage not in use during the month																				

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

P. McDonough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1927,

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
13	2 00 pm	1 00 pm	72.5	29.300	.125	29.175	30.13	31.6	31.6	32	0	100	32.9	S	9			.24	10	N b	S	Lt. Snow	Ordered by Chicago	P.M.D.	13 ✓
17	1 00 pm	12 00 noon	73.5	29.296	.128	29.168	30.13	29.0	25.7	19	10	63	29.0	SW	9			0	2	a st	SW	Clear	Ordered by Chicago	O.K.R.	17 ✓
21	1 00 pm	12 00 noon	77.0	29.388	.138	29.250	30.20	38.4	37.4	36	2	91	38.4	S	7			0	10 5	st Fog	S S	Cloudy	Ordered by Chicago	O.K.R.	21 ✓
					Lowest Pressure																				
3 4	12 45 a	11 45 pm				28.500	29.43	34.0																	3 4

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1927.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	80	12									83	9	12	2	11	1			186	24
2											168	12	128	10	21	2			317	24
3					14	5	27	5	45	5	14	3			37	6			137	24
4											5	1	265	18	81	5			351	24
5													323	21	45	3			368	24
6	17	2											83	8	163	14			263	24
7	50	9	17	4	15	3	12	3					7	1	21	4			122	24
8					157	23	11	1											168	24
9			78	11	51	10	12	3											141	24
10	78	12	91	12															169	24
11	41	9	4	1			5	1			125	13							175	24
12							17	2	150	13	88	9							255	24
13	23	3	4	1			8	3	135	16							0	1	170	24
14	41	7											95	9	75	8			211	24
15													170	24					170	24
16									198	15	19	2	72	7					289	24
17											168	22			6	2			174	24
18	9	1	72	7	95	11									17	5			193	24
19					5	1	10	2	37	3	61	5	108	13					221	24
20			42	7	77	10							18	7					137	24
21			16	2	21	3	17	4	18	3	62	7	39	5					173	24
22	36	3	136	13									42	4	40	4			254	24
23			102	18											27	6			129	24
24											123	13	29	4	34	7			186	24
25	46	4									152	17	8	1	17	2			223	24
26	21	1	328	23															349	24
27			61	8	12	2	104	12	25	2									202	24
28									158	8	247	16							405	24
29							22	2	128	10	134	11	18	1					302	24
30											91	6	340	18					431	24
31											4	2	187	17	16	5			207	24
SUM,	442	63	951	107	447	68	245	38	894	75	1544	148	1944	170	611	74	0	1	7078	744
PERCENTAGE,	6	9	13	14	6	9	3	5	13	10	22	20	28	23	9	10	0	0	a	a
AVG. HOURLY VELOCITY,	7.0	a	8.9	a	6.6	a	6.4	a	11.9	a	10.4	a	11.4	a	8.3	a	0.0	a	9.5	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of February, *1927.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage, Ø

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, room 911-912 Tri State Bldg first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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Ø Self-recording rain gage not in use during month.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1927.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.0	29.422	.130	29.292	30.24	35.5	33.5	30	82	.164	35.5	29.0	S	12			0	10	St cu	SW	Cloudy		P.M.D.	1
2	76.0	29.424	.135	29.289	30.24	28.4	27.4	25	88	.130	39.0	28.0	SW	9			0	0	0	0	Clear		P.M.D.	2
3	72.5	29.078	.124	28.954	29.89	41.0	41.0	41	100	.256	41.0	36.0	SW	11			T	10	Dense Fog	SW	Foggy		P.M.D.	3
4	72.0	29.473	.125	29.348	30.30	31.0	29.8	28	87	.150	45.5	31.0	NE	5			0	4 6	a St St cu	W NE	Cloudy		P.M.D.	4
5	72.5	29.120	.124	28.996	29.95	34.9	33.9	33	91	.187	37.1	32.0	E	11			.48	10	Nb	NE	Lt. Rain		P.M.D.	5
6	70.0	29.100	.118	28.982	29.92	39.0	37.5	36	88	.211	50.0	39.0	W	9			T	10	St	W	Cloudy		P.M.D.	6
7	72.0	29.422	.125	29.297	30.25	32.9	30.8	28	79	.150	38.6	32.9	NW	4			0	8	St cu	NW	Cloudy		P.M.D.	7
8	72.5	29.379	.126	29.253	30.20	39.0	36.3	33	78	.187	43.3	34.2	SW	2			0	10 6	St Lt. Smoke	SW SW	Cloudy		P.M.D.	8
9	74.0	29.571	.130	29.441	30.40	31.0	29.0	26	79	.136	39.2	31.0	N	3			0	8	St cu	N	Cloudy		P.M.D.	9
10	72.0	29.478	.125	29.353	30.32	23.9	21.9	18	74	.093	30.1	23.9	N	6			0	10	St	N	Cloudy		P.M.D.	10
11	69.0	29.282	.116	29.166	30.13	21.8	20.4	17	80	.089	28.5	21.8	SW	10			0	0	0	0	Clear		P.M.D.	11
12	67.0	29.287	.111	29.176	30.13	29.9	29.9	30	100	.164	34.3	29.1	W	4			0	Few	ci St	W	Clear		O.E.R.	12
13	71.0	29.328	.121	29.207	30.16	27.0	25.0	21	76	.108	35.8	26.2	NE	10			0	10	St	NE	Cloudy		P.M.D.	13
14	69.5	28.784	.115	28.669	29.61	33.8	33.8	34	100	.195	33.8	25.4	S	5			.18	10 10	Nb Dense Fog	S S	Lt. Rain		P.M.D.	14
15	73.0	29.266	.126	29.140	30.09	33.6	32.0	29	85	.157	35.0	33.0	SW	7			0	10	St cu	W	Cloudy		P.M.D.	15
16	71.0	28.826	.119	28.707	29.63	50.6	47.1	44	78	.287	52.4	39.6	S	14			T	6	St. Cu.	SW	Pt. Cloudy		P.M.D.	16
17	71.5	29.014	.121	28.893	29.82	38.0	38.0	38	100	.228	51.7	37.4	SE	4			0	10	Dense Fog	E	Foggy		P.M.D.	17
18	72.0	29.280	.124	29.156	30.11	19.8	17.8	13	70	.074	42.4	19.8	N	18	25	NW	.06	6 2	a St St cu	W N	Cloudy		P.M.D.	18
19	70.5	29.356	.120	29.236	30.20	16.2	15.0	11	79	.066	21.7	15.7	NE	14			0	1	St	NE	Clear		P.M.D.	19
20	66.5	29.085	.108	28.977	29.94	22.7	18.8	8	48	.057	27.7	21.6	NE	16	31	NE	0	10	St	NE	Cloudy		P.M.D.	20
21	68.5	29.035	.114	28.921	29.88	26.0	24.0	20	75	.103	26.0	20.0	W	6			.04	10	St	W	Cloudy		P.M.D.	21
22	71.5	28.890	.121	28.769	29.70	39.7	36.7	33	76	.187	40.2	33.6	S	12			0	8 2	a St St cu	W S	Cloudy		P.M.D.	22
23	69.0	28.944	.115	28.829	29.76	36.5	35.0	32	87	.180	47.2	36.3	SW	10			0	7	St cu	SW	Pt cloudy		P.M.D.	23
24	71.5	29.058	.121	28.937	29.87	40.0	39.0	38	92	.228	49.7	38.0	NE	5			.05	9	St cu	W	Cloudy		P.M.D.	24
25	71.0	28.978	.120	28.858	29.80	34.5	33.5	32	90	.180	44.7	34.5	E	11			.05	10	Nb	E	Lt. Rain		P.M.D.	25
26	69.0	29.062	.115	28.947	29.91	22.4	21.9	21	93	.108	30.3	20.6	W	6			T	10	Nb	W	Lt. Snow		P.M.D.	26
27	63.5	29.234	.101	29.133	30.09	23.2	21.4	17	76	.089	24.2	23.2	W	14			T	10	St	W	Cloudy		P.M.D.	27
28	70.0	29.608	.119	29.489	30.45	29.7	28.6	26	88	.136	29.7	26.2	NW	6			.01	10	Nb	NW	Lt. Snow		P.M.D.	28
29																								29
30																								30
31																								31
Sums		(a)	(a)	814.415	840.99	882.0	839.0	762	2339	4.300	(a)	(a)	(a)	244	(a)	(a)	0.87	207	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.086	30.035	31.5	30.0	27.2	83.5	.154	(a)	(a)	(c) SW	8.7	(a)	(a)	(a)	7.4	U a. St. L St. cu.	U W L SW & W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1927.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	76.5	29.207	.135	29.072	30.02	38.8	37.1	35	86	.203	42.0	35.5	SW	13	32	SW	0	0	0	0	Clear			O.E.R.	1
2	75.5	29.391	.134	29.257	30.21	40.7	36.9	32	70	.180	45.8	28.4	SW	7			0	0	0	0	Clear			O.E.R.	2
3	72.5	29.240	.125	29.115	30.06	45.5	41.3	36	70	.211	52.9	41.0	W	14	30	W	T	0	0	0	Clear	B 11:00a E 1:00p	B D N a E 11:00a	O.E.R.	3
4	74.0	29.400	.130	29.270	30.22	37.1	34.7	31	80	.172	40.1	30.8	E	8			T	10	Nb	E	Lt. Rain			O.E.R.	4
5	73.0	29.072	.125	28.947	29.89	41.4	40.4	39	92	.237	41.4	34.9	SE	1			.01	8 5	St Lt. Fog	SE SE	Cloudy	B 7:10a E 9:40a B 3:30p E D N P	B 9:40a F 3:30p	O.E.R.	5
6	72.0	29.224	.124	29.100	30.04	38.6	35.6	32	76	.180	42.2	38.6	W	10	26	W	T	5	Stcu	NW	Pt. Cloudy			P.M.C.D.	6
7	72.5	29.443	.126	29.317	30.27	43.3	37.8	30	60	.164	47.3	32.9	SW	4			0	4	acu	W	Pt. Cloudy			O.E.R.	7
8	74.0	29.497	.130	29.367	30.32	39.2	36.6	33	79	.187	47.9	36.8	NW	8			T	0	0	0	Clear			O.E.R.	8
9	74.5	29.531	.131	29.400	30.36	30.1	27.3	22	70	.113	35.4	30.1	N	9			0	7	ast	W	Pt. Cloudy			O.E.R.	9
10	73.5	29.362	.128	29.234	30.19	28.5	25.3	19	64	.098	31.7	23.3	NW	7			0	0	0	0	Clear			O.E.R.	10
11	69.0	29.132	.116	29.016	29.97	34.3	29.1	20	52	.103	38.1	21.6	SW	16	30	SW	0	0	0	0	Clear			O.E.R.	11
12	73.5	29.420	.129	29.291	30.24	35.8	30.8	23	56	.118	42.2	29.7	N	6			0	0	0	0	Clear			P.M.C.D.	12
13	74.0	28.998	.128	28.870	29.83	26.2	25.7	25	94	.130	30.0	26.2	NE	20			.14	10	Nb	NE	Lt. Snow			P.M.C.D.	13
14	73.0	29.035	.125	28.910	29.86	35.0	33.2	30	84	.164	37.9	33.8	W	12			.12	10	Stcu	W	Cloudy	B 10:30a E 1:20p	B D N a E 10:30a	O.E.R.	14
15	74.0	29.213	.129	29.084	30.03	40.2	36.4	32	70	.180	45.4	32.6	SE	5			0	4	ast	W	Pt. Cloudy			O.E.R.	15
16	73.5	28.911	.127	28.784	29.70	51.7	46.2	41	66	.256	62.0	49.6	SW	8	31	SW	0	4	stcu	W	Pt. Cloudy			O.E.R.	16
17	74.0	28.963	.128	28.835	29.77	42.4	41.7	41	94	.256	47.0	37.3	N	13			T	10	Nb	N	Lt. Rain	B 8:00a E 12:30p	B D N a E 8:00a	O.E.R.	17
18	74.5	29.370	.130	29.240	30.20	21.7	19.5	14	69	.077	22.4	18.2	N	14	26	N	T	9	stcu	N	Cloudy			O.E.R.	18
19	73.5	29.329	.128	29.201	30.16	27.7	22.3	8	39	.057	32.8	16.2	NE	22	30	NE	0	9	ast	SW	Cloudy			O.E.R.	19
20	66.5	29.042	.108	28.934	29.89	22.0	20.5	17	79	.089	23.4	20.0	N	6			.04	10	Nb	N	Lt. Snow			P.M.C.D.	20
21	72.5	29.044	.124	28.920	29.87	40.2	34.2	25	53	.130	43.4	26.0	S	5			0	0	0	0	Clear			O.E.R.	21
22	72.0	28.843	.122	28.721	29.64	47.2	45.2	43	86	.277	54.2	39.7	SW	9			T	0	0	0	Clear			P.M.C.D.	22
23	70.5	29.025	.119	28.906	29.84	49.7	41.4	31	48	.172	55.0	36.5	W	4			0	1	ast	W	Clear			O.E.R.	23
24	72.5	29.175	.125	29.050	29.99	44.7	37.4	27	49	.143	53.4	40.0	NW	5			0	0	0	0	Clear			O.E.R.	24
25	70.0	29.114	.118	28.996	29.95	30.3	29.6	29	93	.157	34.5	29.1	W	12	28	NW	.23	10	Nb	W	Lt. Snow			O.E.R.	25
26	67.5	29.111	.111	29.000	29.96	24.2	22.6	19	80	.098	29.7	22.4	NW	15			T	4	Nb	NW	Lt. Snow			O.E.R.	26
27	71.0	29.458	.122	29.336	30.20	27.0	25.0	21	76	.108	28.0	22.8	W	10			T	10	St	W	Cloudy			P.M.C.D.	27
28	73.0	29.676	.128	29.548	30.52	32.3	29.1	24	68	.124	36.4	28.8	NE	6			T	10	St	NE	Cloudy			O.E.R.	28
29																									29
30																									30
31																									31
Sums		(a)	(a)	814.721	841.30	1015.8	922.9	779	2003	4.384	(a)	(a)	(a)	269	(a)	(a)	0.54	135	(a)	(a)	(a)	4	4	(a)	(a)
Means		(a)	(a)	29.097	30.046	36.3	33.0	27.8	71.5	.157	(a)	(a)	(c) SW W	9.6	(a)	(a)	(a)	4.8	U ast L Nb	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1927.

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	42	29	13	3	36																0				0	0	T	0	1
2	46	28	18	1	37																0				0	0	T	0	2
3	53	36	17	7	44				R	DNa	6:30a	R	8:45a	10:45a							T				0	0	T	0	3
4	40	31	9	8	36				R	6:30p	7:20p	R	10:30p	Cont'd							.08				0	0	T	0	4
5	50	32	18	5	41				R	Cont'd	7:30a										.47				0	0	T	0	5
6	45	35	10	1	40				R	DNa	DNa	R	8:50a	9:15a							T				0	0	T	0	6
7	47	33	14	0	40																0				0	0	T	0	7
8	48	33	15	0	40				R	7:05a	9:40a										T				0	0	T	0	8
9	35	26	9	10	30																0				0	0	T	0	9
10	32	23	9	2	28																0				0	0	T	0	10
11	38	22	16	2	30																0				0	0	T	0	11
12	42	29	13	6	36																0				0	0	T	0	12
13	30	26	4	8	28				Sm	10:50a	10:15p	R	10:15p	Cont'd							.19				0	1.4	1.4	.19	13
14	38	28	10	5	33				R	Cont'd	DNa	R	DNa	10:45a							.25				0	0.5	1.0	0	14
15	45	33	12	6	39				R	10:35p	10:45p										T				0	0	T	0	15
16	62	40	22	12	51				R	DNa	DNa										T				0	0	0	0	16
17	47	37	10	9	42				R	3:10p	3:20p	R	4:15p	Cont'd							.06				0	0	0	0	17
18	38	18	20	14	28				R	Cont'd	DNa	Sd	10:20a	11:25a							T				0	T	0	T	18
19	33	16	17	4	24																0				0	0	0	0	19
20	24	20	4	2	22				Sd	9:40a	DNp										.08				0	0.5	0.5	.08	20
21	43	20	23	10	32																0				0	0.5	T	0	21
22	54	34	20	12	44				R	7:50a	7:55a	R	12:25p	1:05p	R	2:30p	3:20p				T				0	0	0	0	22
23	55	36	19	2	46																0				0	0	0	0	23
24	53	38	15	0	46				R	DNa	6:30a										.05				0	0	0	0	24
25	41	26	15	12	34				R	DNa	7:35a	Sm	7:35a	11:20a	Sm	6:00p	8:15p				.28				0	2.0	1.5	.23	25
26	30	21	9	8	26				Sd	6:20a	6:55a	Sd	7:30a	1:40p	Sd	4:30p	DNp				T				0	T	1.3	T	26
27	28	23	5	0	26				Sd	9:00a	12:10p	Sd	2:00p	6:15p	Sd	7:05p	DNp				T				0	T	1.3	T	27
28	36	26	10	5	31				Sd	DNa	7:40a										.01				0	0.1	0.8	.01	28
29																													29
30																													30
31																													31
S	1175	799	376	154	990		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.41		Total excess or deficiency since Jan. 1,		0	5.0	(a)	(a)	(a)
M	42.0	28.5	13.4	5.5	35.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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Ø Amounts before and after midnight estimated

SUMMARY FOR THE MONTH OF February, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.086	29.097	29.092	29.550	28	28.596	22	0.954	30.035	30.046	30.040	30.52	28	29.52	22	[illegible]
Corrected mean		29.087						Corrected mean		30.035					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
31.5	36.3	33.9	30.0	33.0	31.5	42.0	28.5	35.2	62	16	16	19	46	23	21	4	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
27.2	27.8	27.5	83.5	71.5	77.5	.154	.157	.156	5	0	18	0

Clouds.
Most frequent clouds: Strato-Cumulus.
Most frequent direction upper clouds: West
Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7047	105	W	32	SW	1	8	8	3	3	5	12	11	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.4	4.8	6.6	52	9	4	15	1	1	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not	recorded		16	0	4, 9, 10, 14, 16, 18, 19, 21, 22, 23	12, 13, 18	3, 5, 14, 17.	3, 5, 14, 17.	0	0	8	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.41	0.49	4-5	0			0			9	9	8	3	0	18	7	4	5.0	0.8

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket rain gage not in use during the month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

P. M. Donovan, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
22	2 10 pm	1 10 pm	75.0	28.725	.129	*28.596	*29.52	52.0	46.3	41	11	65	52.0	S	20	24	SW	T	5 2	a st st cu	SW SW R	P+ cloudy	Rapidly falling barometer	O.E.R.	22
						Extremes of Pressure																			
						Highest																			
28th	11 50 pm	10 50 pm				29.550	30.52	30.0																	28th
						Lowest																			
22d	2 10 pm	1 10 pm				*28.596	*29.52	52.0																	22

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1927

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 " meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									134	12	178	9	24	3					336	24
2							6	1	33	5	122	14	25	4					186	24
3									69	7	102	6	131	8	26	3			328	24
4	18	3	21	4	92	10	27	5							13	2			171	24
5			7	1	144	17	2	1			16	2	35	3					204	24
6											10	1	286	23					296	24
7							4	2	2	1	64	12	13	2	43	7			126	24
8	25	4			3	1	8	3	4	1	9	3	5	1	83	11			137	24
9	92	14													99	10			191	24
10	60	8											9	1	107	15			176	24
11											341	19			43	5			384	24
12	40	8	37	5							53	5	21	4	10	2			161	24
13			196	13	129	11													325	24
14					11	2	7	2	21	4	37	4	123	11	4	1			203	24
15							57	8	26	4	24	3	81	9					188	24
16									85	6	219	13	18	2	25	3			347	24
17	81	8	28	4	21	7	15	3					7	1	6	1			158	24
18	301	17	122	7															423	24
19			507	24															507	24
20	56	9	281	15															337	24
21	5	1							48	6	68	8	59	8	5	1			185	24
22									135	12	154	12							289	24
23											82	11	96	13					178	24
24			4	1	4	1	3	1	6	1	15	2	98	9	47	9			177	24
25	26	2	26	4	28	4	5	1					85	8	104	5			274	24
26													184	17	100	7			284	24
27											6	1	295	23					301	24
28	67	9	56	7									28	4	24	4			175	24
29																				
30																				
31																				
SUM,	771	83	1285	85	432	53	134	27	563	59	1500	125	1623	154	739	86	0	0	7047	672
PERCENTAGE,	11	12	18	13	6	8	2	4	8	9	21	18	23	23	11	13	0	0	a	a
AVG. HOURLY VELOCITY,	9.3	a	15.1	a	8.1	a	5.0	a	9.5	a	12.0	a	10.5	a	8.6	a	0.0	a	10.5	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of March, *1927.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. ∅

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, room 911-12 Tri State Bldg; first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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(1) ∅ Automatic rain gage not in use from the 1st to 9:45 am of 9th nor from 7:05 am. of 20th to 3:00 p.m. of 22 nd.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1927.

Number of Station barometer, 656; sum of corrections, +.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 1100 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 719 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	69.0	29.602	.117	29.485	30.44	26.8	24.2	19	69	.098	32.3	26.6	NE	7			0	9	St cu	NE	Cloudy		O.E.R.	1
2	69.5	29.483	.118	29.365	30.33	20.2	18.8	16	79	.085	24.6	18.2	N	7			0	8	a St	NE	Cloudy		O.E.R.	2
3	70.0	29.559	.119	29.440	30.41	20.1	18.5	15	76	.081	32.8	19.9	N	10			0	0	0	0	Clear		O.E.R.	3
4	74.0	29.565	.130	29.435	30.40	23.3	22.5	21	90	.108	32.0	21.7	W	2			0	7	Lt. Smoke	W	Clear		O.E.R.	4
5	73.0	29.414	.127	29.287	30.24	34.3	30.0	23	60	.118	39.0	30.7	SW	9			0	9	St	W	Cloudy		O.E.R.	5
6	71.5	29.055	.121	28.934	29.87	38.8	37.4	36	89	.211	43.1	38.8	W	12	25	NW	.20	10	St	W	Cloudy		O.E.R.	6
7	74.5	29.083	.129	28.954	29.89	38.7	37.1	35	87	.203	40.5	33.0	SE	8			T	10	St	SW	Cloudy		O.E.R.	7
8	71.5	29.073	.121	28.952	29.89	34.0	32.4	30	85	.164	42.0	33.6	SW	9			T	Few 1	a St / St cu	W / SW	Clear		O.E.R.	8
9	74.0	29.316	.129	29.187	30.13	32.7	29.2	24	66	.124	39.0	30.4	SE	2			0	8	a St	SW	Cloudy		O.E.R.	9
10	72.0	29.337	.124	29.213	30.15	27.3	25.0	21	73	.108	39.3	26.3	E	4			0	1	a St	W	Clear		O.E.R.	10
11	73.5	29.408	.129	29.279	30.22	45.4	43.2	41	84	.256	55.0	43.6	S	9			0	1	a St	W	Clear		O.E.R.	11
12	73.0	29.250	.126	29.124	30.05	53.7	52.7	52	94	.387	59.0	53.5	S	12			.18	10	Nb	S	Lt. Rain		O.E.R.	12
13	77.5	29.059	.137	28.922	29.84	54.5	54.5	54	100	.417	59.4	54.5	SW	20			.38	10	Nb	SW	Lt. Rain		O.E.R.	13
14	73.5	29.295	.128	29.167	30.10	42.2	39.8	37	82	.219	46.2	42.2	W	9			T	10	St	W	Cloudy		O.E.R.	14
15	72.5	29.491	.126	29.365	30.31	43.7	41.1	38	81	.228	45.4	43.7	S	6			0	9	St cu	SW	Cloudy		O.E.R.	15
16	73.0	29.304	.126	29.178	30.11	47.2	43.3	39	74	.237	55.1	44.6	S	8			0	3	Ci St	W	Clear		O.E.R.	16
17	73.0	29.125	.125	29.000	29.92	56.6	50.8	46	67	.310	64.7	53.6	SW	17			T	10	Nb	SW	Lt. Rain		O.E.R.	17
18	73.0	29.187	.126	29.061	29.99	45.0	45.0	45	100	.298	53.3	44.8	NE	9			.23	10	Nb	NE	Lt. Rain		O.E.R.	18
19	74.5	29.277	.130	29.147	30.08	44.6	42.8	41	87	.256	57.3	42.4	E	9			.26	10	Nb	E	Lt. Rain		O.E.R.	19
20	72.0	29.193	.124	29.069	30.01	32.2	32.0	32	98	.180	43.8	30.9	E	12	25	NE	.90	10	Nb	E	Lt. Rain		O.E.R.	20
21	69.0	28.983	.115	28.868	29.82	35.6	34.8	34	93	.195	38.2	34.8	W	11			.13	10	St	W	Cloudy		O.E.R.	21
22	71.0	29.203	.121	29.082	30.03	31.3	29.1	26	77	.136	34.0	30.2	N	8			T	Few 1	a St / St cu	W / NW	Clear		O.E.R.	22
23	72.5	29.331	.125	29.206	30.15	29.2	27.3	24	79	.124	38.2	27.5	E	5			0	1	Ci St	SW	Clear		O.E.R.	23
24	71.5	29.269	.122	29.147	30.10	30.7	29.3	27	85	.143	38.0	29.3	NE	7			0	7	a cu	W	Pt Cloudy		O.E.R.	24
25	75.0	29.395	.133	29.262	30.21	38.4	34.8	30	71	.164	43.0	35.2	S	4			0	2	St cu	SW	Clear		O.E.R.	25
26	71.5	28.956	.121	28.835	29.76	39.9	36.9	33	76	.187	50.2	39.9	W	17			.08	10	Nb	W	Sprinkling		O.E.R.	26
27	72.5	29.394	.126	29.268	30.23	32.2	32.2	32	100	.180	32.4	31.3	NW	8			T	10	Nb	NW	Lt. Snow		O.E.R.	27
28	70.0	29.550	.119	29.431	30.39	27.1	25.5	23	81	.118	34.2	24.9	NW	5			0	2 / 1	Ci St / St cu	W / NW	Clear		O.E.R.	28
29	70.5	29.571	.121	29.450	30.41	33.3	28.6	20	55	.103	40.0	31.2	SE	7			0	3	Ci St	W	Clear		O.E.R.	29
30	71.5	29.231	.122	29.109	30.05	45.1	42.9	41	84	.256	49.0	43.3	W	7			T	10	St	W	Cloudy		O.E.R.	30
31	73.0	29.316	.126	29.190	30.12	39.2	34.8	28	65	.150	57.8	36.4	E	6			0	1	a cu	W	Clear		O.E.R.	31
Sums		(a)	(a)	904.412	933.65	1143.3	1076.5	983	2507	5.844	(a)	(a)	(a)	266	(a)	(a)	2.36	197	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.175	30.118	36.9	34.7	31.7	80.9	.189	(a)	(a)	(c) W	8.6	(a)	(a)	(a)	6.4	U a.St. L Nb	U. W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.5	29.480	.126	29.354	30.32	24.6	22.3	17	71	.089	28.0	24.6	NE	19			T	10	Stcu	NE	Cloudy			P.M.C.	1
2	74.0	29.453	.130	29.323	30.28	32.8	29.8	25	71	.130	38.4	20.2	N	8			0	0	0	0	Clear			P.M.C.	2
3	73.0	29.528	.127	29.401	30.37	32.0	29.0	24	69	.124	36.0	20.1	NW	6			0	0	0	0	Clear			P.M.C.	3
4	73.5	29.440	.129	29.311	30.27	39.0	33.0	24	52	.124	45.2	22.8	SW	10			0	0	0	0	Clear			P.M.C.	4
5	75.0	29.131	.132	28.999	29.94	42.0	38.9	35	76	.203	49.2	34.3	SW	12			T	10	Nb	SW	Lt. Rain			P.M.C.	5
6	77.5	29.211	.138	29.073	30.01	40.5	37.6	34	77	.195	41.8	37.7	SW	6			0	10	St	W	Cloudy			O.E.R.	6
7	72.0	28.856	.122	28.734	29.66	42.0	40.8	40	90	.247	47.3	38.7	NW	17			.34	10	Nb	NW	Lt. Rain	B 8:00a E 3:30p		P.M.C.	7
8	74.0	29.292	.129	29.163	30.10	39.0	34.0	27	60	.143	44.7	34.0	NW	5			0	0	0	0	Clear			P.M.C.	8
9	76.0	29.272	.134	29.138	30.09	39.3	34.3	27	60	.143	44.6	32.7	E	7			0	0	0	0	Clear			P.M.C.	9
10	75.5	29.270	.133	29.137	30.08	55.0	47.0	39	55	.237	60.2	27.3	S	5			0	1	St	S	Clear			P.M.C.	10
11	74.5	29.320	.130	29.190	30.12	59.0	53.0	48	68	.334	65.0	45.4	SE	6			0	10	St	SE	Cloudy			P.M.C.	11
12	74.5	29.174	.130	29.044	29.97	57.4	53.4	54	88	.417	60.4	53.7	SE	11			.07	10	St	SE	Cloudy			P.M.C.	12
13	74.0	29.175	.129	29.046	29.98	46.2	42.2	37	72	.219	60.0	46.2	W	12			.22	3	Stcu	W	Clear			O.E.R.	13
14	73.0	29.422	.127	29.295	30.24	45.4	42.3	39	78	.237	47.0	42.0	SW	10			0	10	St	SW	Cloudy			P.M.C.	14
15	74.5	29.324	.130	29.194	30.12	55.1	49.1	43	65	.277	60.0	43.5	SE	4			0	0	0	0	Clear			P.M.C.	15
16	76.0	29.164	.134	29.030	29.96	64.7	53.4	44	47	.287	71.4	47.2	S	6			0	1	St	S	Clear			P.M.C.	16
17	75.0	29.252	.132	29.120	30.05	51.8	49.8	48	88	.334	59.0	48.6	SW	4			.15	10	Stcu	SW	Cloudy			P.M.C.	17
18	76.0	29.328	.134	29.194	30.12	57.3	46.3	34	41	.195	62.0	45.0	N	3			T	1	St	N	Clear			P.M.C.	18
19	77.0	29.372	.137	29.235	30.17	43.8	39.9	35	71	.203	49.6	43.8	E	11			.12	7	Stcu	NE	Pt cloudy			P.M.C.	19
20	72.0	29.057	.123	28.934	29.88	34.8	34.4	34	96	.195	35.4	32.2	E	16			.08	10	Nb	E	Lt. Rain			O.E.R.	20
21	71.0	29.018	.120	28.898	29.85	34.0	32.0	29	81	.157	37.0	34.0	W	22			T	10	Nb	W	Lt. Rain			P.M.C.	21
22	74.0	29.280	.129	29.151	30.10	38.2	33.2	26	59	.136	41.6	31.3	E	3			0	9	Stcu	E	Cloudy			P.M.C.	22
23	75.5	29.244	.133	29.111	30.06	38.0	34.0	28	67	.150	40.0	29.2	E	6			0	10	St	E	Cloudy			P.M.C.	23
24	73.5	29.294	.128	29.166	30.11	43.0	38.0	31	63	.172	45.3	30.7	NW	4			0	10	Stcu	NW	Cloudy			P.M.C.	24
25	75.0	29.154	.132	29.022	29.96	50.2	43.1	35	56	.203	53.0	38.4	S	7			T	10	Nb	SW	Sprinkling			P.M.C.	25
26	71.5	29.218	.122	29.096	30.05	32.4	31.9	31	95	.172	39.9	32.4	W	18	32	W	T	10	Nb	NW	Sprinkling			P.M.C.	26
27	70.0	29.474	.119	29.355	30.31	34.2	30.4	25	64	.130	36.1	32.2	N	7			T	10	St	NW	Cloudy			O.E.R.	27
28	73.0	29.550	.127	29.423	30.38	40.0	33.2	22	47	.113	43.0	27.1	NW	6			0	1	St	NW	Clear			P.M.C.	28
29	73.0	29.312	.126	29.186	30.13	49.0	41.0	31	49	.172	52.2	33.3	S	9			0	6 / 3	Acu / Stcu	W / S	Cloudy			P.M.C.	29
30	74.0	29.206	.129	29.077	30.01	57.8	47.0	35	43	.203	62.8	45.1	W	7			0	2	Stcu	W	Clear			P.M.C.	30
31	75.0	29.206	.132	29.074	30.01	48.4	40.4	30	48	.164	53.0	39.2	NE	10			0	10	St.	NE	Cloudy			P.M.C.	31
Sums		(a)	(a)	903.474	937.70	1366.9	1216.7	1031	2067	6.105	(a)	(a)	(a)	277	(a)	(a)	0.98	194	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.144	30.087	44.1	39.2	33.3	66.7	.197	(a)	(a)	(c) E SW NW	8.9	(a)	(a)	(a)	6.3	U Acu L St	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-registers are out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1927.

Date	Temperature: Maximum (b)	Minimum (b)	Range (b)	Change (b)	Mean (max. and min.) (b)	Normal	Departure	Total excess or deficiency since 1st of month	Precipitation: Character ‡	Beginning	Ending	Character ‡	Beginning	Ending	Character ‡	Beginning	Ending	Character ‡	Beginning	Ending	Total (mid. to mid.) (b)††	Normal	Departure	Total excess or deficiency since 1st of month	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.)	Date
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	29	19	10	7	24				Sm	8:48a	1:10p	Sm	2:15p	5:10p							T				0	T	0.5	T	1
2	38	18	20	4	28																0				0	0	T	0	2
3	36	20	16	0	28																0				0	0	T	0	3
4	45	22	23	6	34																0				0	0	T	0	4
5	49	31	18	6	40				R	3:10p	7:50p	R	DNp	Cont'd							.15				0	0	T	0	5
6	43	34	9	2	38				R	Cont'd	DNa										.05				0	0	T	0	6
7	47	33	14	2	40				R	DNa	DNa	R	7:30a	3:50p	R	6:10p	7:20p				.34				0	0	0	0	7
8	45	34	11	0	40																0				0	0	0	0	8
9	45	30	15	2	38																0				0	0	0	0	9
10	60	26	34	5	43																0				0	0	0	0	10
11	65	44	21	11	54																0				0	0	0	0	11
12	60	54	6	3	57				R	DNa	7:10a	R	12:15p	5:30p	R	8:15p	Cont'd				.30				0	0	0	0	12
13	60	43	17	5	52				R	Cont'd	9:50a										.55				0	0	0	0	13
14	47	42	5	8	44				R	DNa	DNa										T				0	0	0	0	14
15	60	44	16	8	52																0				0	0	0	0	15
16	71	45	26	6	58																0				0	0	0	0	16
17	59	49	10	4	54				R	6:30a	8:05a	R	12:55p	2:35p	R	DNp	Cont'd				.15				0	0	0	0	17
18	62	45	17	0	54				R	Cont'd	DNa	R	DNa	8:30a							.23				0	0	0	0	18
19	50	36	14	11	43				R	DNa	8:45a	R	DNp	Cont'd							.40				0	0	0	0	19
20	36	31	5	9	34				R	Cont'd	10:15a	R	3:40p	Cont'd							1.09				0	0	0	0	20
21	38	32*	6	1	35				R	Cont'd	DNa	Sm	10:10a	11:10a	Sm	12:45p	3:20p	Sm	4:05p	7:30p	T				0	T	T	T	21
22	42	30	12	1	36																0				0	T	0	0	22
23	40	28	12	2	34																0				0	0	0	0	23
24	45	29	16	3	37																0				0	0	0	0	24
25	53	35	18	7	44				R	6:39p	Cont'd										.04				0	0	0	0	25
26	46	32	14	5	39				R R	6:10p R	7:30p DNa	R	6:00a	7:05a	Sm	8:05a	10:15a	R	10:15a	12:30p	.04				0	T	0	T	26
27	36	30	6	6	33				R	DNa	DNa	Sm	6:10a	7:15a	Sm	11:15a	11:45a				T				0	T	0	T	27
28	43	25	18	1	34																0				0	0	0	0	28
29	52	31	21	8	42																0				0	0	0	0	29
30	63	43	20	11	53				R	DNa	DNa										T				0	0	0	0	30
31	53	36	17	9	44																0				0	0	0	0	31
S	1518	1051	467	153	1286		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.34		Total excess or deficiency since Jan. 1,		0	T	(a)	(a)	(a)
M	49.0	33.9	15.1	4.9	41.5 (a)				(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

* Interpolated

(8)

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Amounts before and after midnight estimated.

SUMMARY FOR THE MONTH OF March, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean: -0.05)

STATION. Mean 8 a. m.	Mean 8 p. m.	Mean Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean 8 a. m.	Mean 8 p. m.	Mean Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.175	29.144	29.160	29.540	1	28.640	7	0.900	30.118	30.087	30.102	30.50	1	29.56	7	0.94
Corrected mean		29.155						Corrected mean		30.097					

TEMPERATURE.

Mean Dry. 8 a. m.	Mean Dry. 8 p. m.	Mean Dry. (8+8)÷2 (g)	Mean Wet. 8 a. m.	Mean Wet. 8 p. m.	Mean Wet. Monthly. (g)	Mean Max.	Mean Min.	Mean Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
36.9	44.1	40.5	34.7	39.7	37.0	49.0	33.9	41.4	71	16	18	2	53	34	10	5	14

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
31.7	33.3	32.5	80.9	66.7	73.8	.189	.197	.193	1	0	16	0

CLOUDS.

Most frequent clouds: Strato-cumulus.

Most frequent direction upper clouds: West.

Most frequent direction lower clouds: West.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7064	9.5	S	32	W	26	6	5	10	6	9	9	10	7	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.4	6.3	6.2	52	6	14	11	0	4	7

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not recorded.			19	0	1, 2, 9, 11, 16, 18, 19, 23, 25, 31	0	7	0	0	0	4	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount	Greatest Amount in 24 Consecutive Hours. Amt.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 Inch per Hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total Depth. (o)	Average Depth at End of Month.
3.34	1.09 x	20 x	0			0			5	11	11	5	1	16	4	0	T	0

x from midnight to midnight

(w) Maximum precipitation in 5 minutes ϕ, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

ϕ Record incomplete

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

ϕ Automatic raingage not in use from the 1st to 9:45 a.m. of 9th, nor from 7:05 a.m. of 20th to 3:00 p.m. of 22d.

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

P. McDonough, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1927

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
					Extremes of Pressure																				
						Highest																			
1	2 15 am	1 15 am				29.540	30.50	29.0																	1
						Lowest																			
7	5 30 pm	4 30 pm				28.640	29.56	47.0																	7

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1927.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	16	1	226	16	62	7													304	24
2	272	24																	272	24
3	104	11													115	13			219	24
4									12	1	143	15	4	1	23	7			182	24
5									183	15	83	9							266	24
6									10	1	43	6	184	17					237	24
7							67	11	11	3	18	2	106	8					202	24
8											9	1	207	15	59	8			275	24
9					61	8	69	16											130	24
10					38	7	5	1	160	16									203	24
11					5	1	105	13	79	9	11	1							200	24
12							61	5	261	19									322	24
13									99	6	127	9	97	9					323	24
14											82	11	130	13					212	24
15							21	3	124	17	12	4							157	24
16									227	23	16	1							243	24
17							8	4	52	4	136	12	4	1	25	3			225	24
18	38	7	35	6	4	1	18	5	27	4					5	1			127	24
19			164	13	93	8	14	3											271	24
20	3	1	130	10	153	13													286	24
21											62	4	238	19	4	1			304	24
22	58	8	27	4	15	3	28	5					22	3	7	1			157	24
23			15	2	103	16	42	6											160	24
24	17	3	75	12									28	6	11	3			131	24
25									167	17	19	3	9	4					195	24
26									7	1	22	2	287	15	94	6			410	24
27	19	5													180	19			199	24
28	9	2													156	22			165	24
29			17	5	4	1	12	2	158	14	20	2							211	24
30											113	11	107	13					220	24
31	17	2	143	15	96	7													256	24
SUM,	553	64	832	83	634	72	450	74	1577	150	916	93	1423	124	679	84	0	0	7064	744
PERCENTAGE,	8	9	12	11	9	10	6	10	22	20	13	12	20	17	10	11	0	0	a	a
AVG. HOURLY VELOCITY,	8.6	a	10.0	a	8.8	a	6.1	a	10.5	a	9.8	a	11.5	a	8.1	a	0.0	a	9.5	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of April, *1927.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, room 911-12 Ind. State Bldg first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.0	28.856	.124	28.732	29.65	37.0	36.0	35	91	.203	48.4	33.3	E	11	32	E	.65	10	Nb	E	Sprinkling		PMcD	1
2	70.5	29.050	.119	28.931	29.88	33.8	31.1	27	75	.143	36.4	31.6	N	8			.02	10	St	N	Cloudy		PMcD	2
3	72.0	29.346	.124	29.222	30.16	35.4	33.8	31	86	.172	42.1	33.0	SE	2			0	10	St	SE	Cloudy		PMcD	3
4	75.0	29.256	.132	29.124	30.06	36.0	35.0	34	91	.195	43.2	33.6	E	7			0	7	a St	W	Pt Cloudy		PMcD	4
5	71.5	29.000	.121	28.879	29.81	48.0	46.0	44	87	.287	59.8	46.2	W	15	29	W	.64	10	St	W	Cloudy		PMcD	5
6	73.0	29.320	.126	29.194	30.12	47.0	43.0	39	73	.237	54.2	44.0	SW	12			0	9	St cu	SW	Cloudy		PMcD	6
7	75.5	29.594	.134	29.460	30.41	29.2	27.2	24	78	.124	54.2	29.2	NE	12			0	10	St	NE	Cloudy		PMcD	7
8	73.0	29.432	.127	29.305	30.25	33.0	30.0	25	71	.130	38.9	31.0	E	18			0	9	St cu	E	Cloudy		PMcD	8
9	72.0	29.170	.124	29.046	29.99	40.0	37.0	33	76	.187	40.0	36.9	NE	14			.38	10	St cu	NE	Cloudy		PMcD	9
10	72.0	29.330	.124	29.206	30.15	36.8	30.8	21	49	.108	46.4	34.3	NE	12			0	2	a St	W	Clear		PMcD	10
11	73.0	29.486	.127	29.359	30.31	33.3	30.3	26	71	.136	43.0	30.0	E	9			0	6	a St	W	Pt Cloudy		PMcD	11
12	72.5	29.270	.125	29.145	30.08	41.0	37.0	32	69	.180	52.6	38.3	E	4			0	3 2	ci St St cu	W E	Cloudy		PMcD	12
13	74.0	29.282	.129	29.153	30.08	37.5	37.0	36	96	.211	61.3	37.5	NE	12	26	NE	.44	10	Nb	E	Lt. Rain		PMcD	13
14	71.5	29.552	.123	29.429	30.38	36.0	33.0	29	73	.157	42.9	33.0	E	16			0	10	St cu	E	Cloudy		PMcD	14
15	69.5	29.478	.118	29.360	30.31	41.8	38.8	35	77	.203	47.2	41.4	E	10			T	10	Nb	E	Sprinkling		PMcD	15
16	72.5	29.144	.125	29.019	29.94	60.0	57.5	56	86	.448	61.3	53.4	S	11			.27	10	Nb	S	Lt. Rain		PMcD	16
17	72.0	29.266	.124	29.142	30.06	55.9	54.8	54	93	.417	62.2	52.8	SW	12			0	1	a St	W	Clear		PMcD	17
18	76.5	29.236	.135	29.101	30.01	66.0	62.8	61	84	.536	70.0	60.9	S	12			0	6 2	a St cu	W S	Cloudy		PMcD	18
19	75.0	29.140	.132	29.008	29.93	65.5	64.0	64	92	.595	65.5	61.4	S	10			T	1 2	ci cu a St	W W	Clear		PMcD	19
20	75.0	29.448	.133	29.315	30.26	46.2	44.0	42	84	.266	67.3	44.8	N	9			.12	1	St cu	N	Clear		PMcD	20
21	73.5	29.116	.127	28.989	29.92	44.0	42.0	40	85	.247	52.7	43.0	E	8			T	10	St	E	Cloudy		PMcD	21
22	69.0	29.494	.117	29.377	30.34	32.6	30.0	26	74	.136	40.3	31.0	NW	11			T	1	cu	NW	Clear		PMcD	22
23	70.0	29.574	.119	29.455	30.42	31.2	28.2	23	69	.118	37.1	27.8	N	9			T	0	0	0	Clear		PMcD	23
24	75.0	29.582	.133	29.449	30.41	32.8	29.2	23	65	.118	38.4	28.0	SW	9			0	1 4	a cu St cu	W SW	Pt. Cloudy		PMcD	24
25	74.5	29.392	.131	29.261	30.21	38.9	35.0	29	69	.157	41.3	36.7	SW	10			T	9	St cu	SW	Cloudy		PMcD	25
26	72.0	28.886	.123	28.763	29.68	53.0	51.0	49	88	.347	53.0	46.3	SW	12	25	SW	.35	10	St	W	Cloudy		PMcD	26
27	76.0	28.792	.132	28.660	29.58	51.3	50.3	49	94	.347	51.3	47.0	NW	6			.20	8	St cu	NW	Cloudy		PMcD	27
28	75.0	29.152	.132	29.020	29.95	45.9	40.8	35	64	.203	54.7	39.4	NE	2			0	3	Ci St	NW	Clear		PMcD	28
29	74.5	28.856	.128	28.728	29.64	49.0	48.0	47	93	.322	63.4	48.7	SE	6			.93	10	Nb	SE	Lt. Rain		PMcD	29
30	73.5	29.158	.128	29.030	29.97	41.3	36.3	29	62	.157	45.4	38.0	NE	15			0	2 1	a. Cu. St.	W NE	Clear		PMcD	30
31																								31
Sums		(a)	(a)	873.862	901.96	1279.4	1199.9	1098	2365	7.087	(a)	(a)	(a)	304	(a)	(a)	4.00	213	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.129	30.065	42.6	40.0	36.6	78.8	.236	(a)	(a)	(c) E	10.1	(a)	(a)	(a)	7.1	U a. St. L St. Cu.	U W L E	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.5	28.864	.120	28.744	29.68	36.4	35.3	34	90	.195	39.2	36.4	NE	16			.23	10	Nb	NE	Lt. Rain			OER	1
2	75.5	29.271	.133	29.138	30.08	42.1	37.8	32	68	.180	45.8	33.8	S	5			0	3	acu	W	Clear			OER	2
3	73.0	29.228	.126	29.102	30.04	43.2	39.2	34	70	.195	43.4	35.4	E	4			T	10	St	SE	Cloudy			PMcD	3
4	74.5	29.008	.129	28.879	29.82	48.3	45.5	43	81	.277	56.8	36.0	E	16	27	E	T	10	St	SW	Cloudy			OER	4
5	76.0	29.241	.134	29.107	30.04	54.2	45.8	37	52	.219	61.3	47.1	NW	8			0	1	ast	W	Clear			OER	5
6	76.5	29.337	.136	29.201	30.13	54.2	45.8	37	52	.219	66.2	47.0	NW	12	37	W	.03	2	cu	W	Clear			OER	6
7	76.5	29.555	.137	29.418	30.38	38.9	34.2	28	62	.150	41.6	29.2	E	8			0	4	ast	W	Pt Cloudy			OER	7
8	73.0	29.233	.126	29.107	30.06	39.6	38.4	37	90	.219	50.2	33.0	E	16			.15	10	Nb	E	Lt. Rain			OER	8
9	72.0	29.231	.124	29.107	30.05	46.4	41.2	35	64	.203	55.9	40.0	E	17			0	8	ast	W	Cloudy			OER	9
10	72.0	29.402	.125	29.277	30.23	43.0	34.0	19	36	.098	51.0	36.8	NE	13	27	NE	0	1	ast	W	Clear			PMcD	10
11	72.5	29.312	.125	29.187	30.12	52.6	41.8	28	38	.150	56.7	33.3	SE	3			0	1 4	cist a st	W W	Pt Cloudy			OER	11
12	74.5	29.180	.130	29.050	29.98	61.3	51.8	43	52	.277	67.4	41.0	NE	11			0	10	St	SW	Cloudy			OER	12
13	74.0	29.437	.130	29.307	30.26	42.9	37.3	30	59	.164	47.8	37.5	E	11	29	NE	.07	7 1	ast St	W E	Cloudy			OER	13
14	72.5	29.526	.126	29.400	30.35	47.2	38.8	27	45	.143	54.3	36.0	NE	16	28	E	0	4	acu	SW	Pt Cloudy			OER	14
15	73.5	29.353	.128	29.225	30.15	60.2	56.4	54	79	.417	64.9	41.4	E	8			.03	10	Nb	SW	Lt. Rain			OER	15
16	74.0	29.167	.129	29.038	29.96	62.2	57.7	55	77	.432	65.1	56.3	SW	9	29	SW	.31	1	cu	SW	Clear			OER	16
17	77.5	29.234	.138	29.096	30.02	70.0	63.0	59	68	.499	77.6	55.9	S	10			0	2	St	S	Clear			PMcD	17
18	75.5	29.160	.133	29.027	29.95	64.6	62.8	62	91	.555	70.2	61.3	S	12			.82	8	stcu	SW	Cloudy			OER	18
19	77.0	29.096	.136	28.960	29.88	67.3	61.7	58	73	.482	79.2	65.5	W	24	28	SW	T	10	Nb	W	Lt. Rain			OER	19
20	76.0	29.358	.134	29.224	30.15	52.7	47.8	43	70	.277	58.9	46.2	E	13			0	4	ast	SW	Pt. Cloudy			OER	20
21	71.5	29.286	.122	29.164	30.10	40.3	37.4	34	77	.195	48.1	40.3	W	15	26	NW	.07	10	St	NW	Cloudy			OER	21
22	72.5	29.514	.126	29.388	30.35	37.1	33.1	27	66	.143	41.3	32.6	N	5			T	10	Nb	N	Lt. Snow			OER	22
23	74.0	29.556	.130	29.426	30.39	38.4	32.8	24	55	.124	41.1	31.2	N	2			T	4 4	cu ast	N W	Pt cloudy			OER	23
24	72.0	29.412	.125	29.287	30.24	41.3	39.3	37	84	.219	46.6	32.8	SW	5	25	NW	T	6	stcu	SW	Cloudy			PMcD	24
25	73.0	29.153	.126	29.027	29.97	50.3	45.1	40	67	.247	55.7	38.9	SW	10			0	10	St	SW	Cloudy			OER	25
26	73.5	29.020	.127	28.893	29.82	50.4	47.2	44	80	.287	61.7	49.9	W	4	28	W	.03	6 1	acu St	NW W	Pt. Cloudy			OER	26
27	76.5	29.072	.134	28.938	29.86	54.7	47.2	40	57	.247	58.9	46.1	NW	6			0	3	stcu	NW	Clear			OER	27
28	74.5	28.954	.129	28.825	29.73	63.4	52.1	42	46	.266	66.1	45.9	SW	2			0	8	acu	NW	Cloudy			OER	28
29	75.5	28.970	.132	28.838	29.76	45.4	38.4	29	52	.157	50.9	44.5	NE	17	27	E	.26	2 6	cicu stcu	NW NE	Cloudy			OER	29
30	75.5	29.231	.133	29.098	30.03	55.2	45.1	34	44	.195	58.4	41.3	N	6			0	Few	cist	W	Clear			OER	30
31																									31
Sums		(a)	(a)	873.478	901.58	1503.8	1334.0	1146	1945	7.431	(a)	(a)	(a)	304	(a)	(a)	2.00	191	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.116	30.053	50.1	44.5	38.2	64.8	.248	(a)	(a)	(c) E	10.1	(a)	(a)	(a)	6.4	U ASE L St.	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1927

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Friday 1	40	32	8	8	36				R	12:30a	7:10a	R	9:00a	DNp							.90				0	0	0	0	1
2	46	32	14	3	39				Sm	DNa	6:30a										T				0	T	0	T	2
3	43	33	10	1	38				R	9:20a	10:30a										T				0	0	0	0	3
4	57	34	23	8	46				R	4:35p	5:20p	R	8:00p	10:45p							.62				0	0	0	0	4
5	61	47	14	8	54				R	12:10a	DNa										.02				0	0	0	0	5
6	66	37	29	2	52				R	9:15a	9:22a	R	2:00p	3:15p	R	3:55p	4:10p				.03				0	0	0	0	6
7	42	29	13	16	36																0				0	0	0	0	7
8	50	31	19	4	40				R	4:45p	Cont'd										.45				0	0	0	0	8
9	56	39	17	8	48				R	Cont'd	DNa										.08				0	0	0	0	9
10	51	34	17	6	42																0				0	0	0	0	10
11	57	30	27	2	44																0				0	0	0	0	11
12	67	38	29	8	52				R	10:40p	Cont'd										.01				0	0	0	0	12
13	48	37	11	10	42				R	Cont'd	10:30a										.50				0	0	0	0	13
14	54	33	21	2	44				R	10:45p	DNp										T				0	0	0	0	14
15	65	41	24	9	53				R	5:55a	10:10a	R	6:40p	7:30p							.27				0	0	0	0	15
16	65	53	12	6	59				R	DNa	1:00p										.34				0	0	0	0	16
17	78	53	25	7	66																0				0	0	0	0	17
18	70	61	9	0	66				R	10:45a	3:50p	R	5:50p	6:05p	R	DNp	DNp				.82				0	0	0	0	18
19	79	59	20	3	69				R	6:30p	7:15p										.12				0	0	0	0	19
20	59	45	14	17	52				R	8:50p	9:10p										T				0	0	0	0	20
21	48	34	14	11	41				R	7:40a	2:30p	Sm	11:45p	Cont'd							.07				0	0	0	T	21
22	41	31	10	5	36				Sm	Cont'd	DNa	Sm	1:00p	3:30p	Sm	6:35p	8:30p				T				0	T	T	T	22
23	41	28	13	2	34				Sm	11:25a	12:30p	Sm	1:19p	3:20p	Sm	4:00p	4:40p				T				0	T	0	T	23
24	47	28	19	4	38				R	1:05p	1:40p	R	4:50p	5:40p							T				0	0	0	0	24
25	56	37	19	8	46				R	1:00a	DNa	R	8:10p	Cont'd							.18				0	0	0	0	25
26	62	46	16	8	54				R	Cont'd	DNa	R	4:05p	5:45p	R	7:45p	Cont'd				.35				0	0	0	0	26
27	59	44	15	2	52				R	Cont'd	DNa										.05				0	0	0	0	27
28	66	39	27	0	52				R	9:10p	Cont'd										.07				0	0	0	0	28
29	52	41	11	6	46				R	Cont'd	11:05a	R	3:05p	4:35p							1.12				0	0	0	0	29
30	58	38	20	2	48																0				0	0	0	0	30
31																													31
S	1684	1164	520	176	1425		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	6.00		Total excess or deficiency since Jan. 1,		0	T	(a)	(a)	(a)
M	56.1	38.8	17.3	5.9	47.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF April, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean −.005)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.129	29.116	29.122	29.490	7	28.610	27	0.880	30.065	30.053	30.059	30.45	7	29.52	27	0.93
Corrected mean		29.117						Corrected mean		30.054					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
42.6	50.1	46.4	40.0	44.5	42.2	56.1	38.8	47.4	79	19	28	23	51	29	6	8	1

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
36.6	38.2	37.4	78.8	64.8	71.8	.236	.248	.242	0	0	8	0

CLOUDS.

Most frequent clouds: Alto-Stratus.

Most frequent direction upper clouds: West

Most frequent direction lower clouds: E and SW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8155	11.3	E	37	W	6	6	11	16	3	6	9	4	5	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.1	6.4	6.3	55	3	17	10	0	11	7

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
4	0	7, 8, 11, 22, 23, 24	4, 15, 18, 19, 26, 27, 29	0	4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 20, 25, 26	7, 9, 12, 13, 17,	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
6.00	1.19	28-29	0			0			7	18	15	9	1	25	4	0	T	0

(w) Maximum precipitation in 5 minutes 0.18, date 15"; 10 minutes 0.26, date 4"; 15 minutes 0.34, date 4"

30 minutes 0.43, date 4"; 1 hour 0.54, date 4"; 2 hours 0.78, date 18'

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				— None —																

* The duration is the time precipitation was actually recorded.

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Prepared by C. E. Russell

O. M. Daugherty, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1927.

Number of Station barometer, 656; sum of corrections, —.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
				Extremes of pressure																					
						Highest																			
7"	10 30 mm	9 30 mm				29.490	30.45	30.0																	7"
						Lowest																			
27"	5 30 mm	4 30 mm				28.610	29.52	47.0																	27"

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If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1927

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90" meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1			236	14	184	10													420	24
2	47	5	103	8	4	1	5	1	20	3	28	5	2	1					209	24
3					25	5	72	12	24	3	13	4							134	24
4					229	20	37	3			7	1							273	24
5							8	1	12	1	56	5	212	13	29	4			317	24
6	33	3									111	10	109	6	70	5			323	24
7	10	1	56	6	161	17													227	24
8			42	3	302	21													344	24
9			167	11	191	13													358	24
10			115	9	244	15													359	24
11			8	1	59	8	101	15											168	24
12	24	4	33	4	59	9	2	1	3	1			10	2	15	3			146	24
13			291	16	110	8													401	24
14			117	8	279	16													396	24
15					168	18	39	6											207	24
16					12	2	41	5	33	3	171	14							257	24
17									142	11	152	13							294	24
18							73	7	141	17									214	24
19									177	14	130	8	18	2					325	24
20	29	3	121	8	132	9							10	1	45	3			337	24
21			13	1	92	8	4	1					136	8	98	6			343	24
22	37	6	6	1									48	4	159	13			250	24
23	46	6									18	3	5	1	109	14			178	24
24											37	5	152	15	34	4			223	24
25			6	2			4	1	56	3	213	17			4	1			283	24
26					2	1	12	2			112	7	90	7	110	7			326	24
27	123	15	33	3	11	2	8	2	8	1					11	1			194	24
28	22	7	27	4	4	1	9	2	30	4	32	6							124	24
29			208	15	47	5	24	4											279	24
30	42	6	194	17											10	1			246	24
31																				
SUM,	413	56	1776	131	2315	189	439	63	646	61	1080	98	792	60	694	62	0	0	8155	720
PERCENTAGE,	5	8	22	18	28	26	5	9	8	8	13	14	10	8	9	9	0	0	a	a
AVG. HOURLY VELOCITY,	7.4	a	13.6	a	12.2	a	7.0	a	10.6	a	11.0	a	13.2	a	11.2	a	0.0	a	11.3	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *1927.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, 23396 after 20"; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911. 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Calhoun & Berry, Corner street, room 911-12 Tri State Bldg first observation taken in present office, 7:00 a m. May 20, 19 11.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1927.

Number of Station barometer, 656; sum of corrections, +.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.5	29.305	.128	29.177	30.11	44.4	39.1	32	62	.180	55.2	40.0	W	2			0	3	ci st	W	Clear		O.E.R.	1
2	72.5	29.145	.125	29.020	29.95	50.7	45.5	40	68	.247	59.5	46.2	SW	6			0	4	a cu	NW	Pt cloudy		O.E.R.	2
3	72.5	28.952	.124	28.828	29.74	60.8	56.1	52	75	.387	60.8	53.9	SW	9			T	5 2	ci st st	W SW	Pt cloudy		O.E.R.	3
4	72.5	28.989	.124	28.865	29.78	51.1	44.6	37	60	.219	65.0	48.8	W	9			0	0	0	0	Clear		O.E.R.	4
5	70.0	29.236	.118	29.118	30.05	50.2	46.5	43	76	.277	53.4	46.1	SW	6			.01	7	st cu	W	Pt. Cloudy		O.E.R.	5
6	71.0	29.314	.121	29.193	30.12	53.9	48.2	42	66	.266	60.0	48.8	E	9			T	3	a st	SW	Clear		O.E.R.	6
7	71.0	29.343	.121	29.222	30.15	52.5	46.1	40	61	.247	61.2	49.4	E	12			T	4	a cu	W	Pt cloudy		O.E.R.	7
8	71.0	29.166	.121	29.045	29.97	49.9	46.6	43	79	.277	63.0	48.3	E	7			.19	3 5 4	a st st a cu	W E SW	Cloudy		O.E.R.	8
9	73.0	29.003	.125	28.878	29.79	62.8	61.2	61	92	.536	71.2	61.1	S	8	40	W	.09	2	cu nb	W	Pt Cloudy		O.E.R.	9
10	76.5	28.812	.133	28.679	29.58	63.1	57.8	54	73	.417	79.0	62.8	SW	24	35	SW	.41	4	cu	SW	Pt Cloudy		O.E.R.	10
11	71.0	29.023	.120	28.903	29.83	47.2	45.1	43	86	.277	56.4	45.7	W	9	25	W	T	10	st	W	Cloudy		O.E.R.	11
12	69.0	29.183	.116	29.067	30.01	43.8	41.6	39	84	.237	46.4	40.9	W	10			T	10	st cu	NW	Cloudy		O.E.R.	12
13	70.5	29.214	.120	29.094	30.02	50.0	44.2	38	63	.228	55.0	40.6	SW	4			0	2	a st	W	Clear		O.E.R.	13
14	71.0	28.863	.119	28.744	29.65	50.3	49.5	49	94	.347	57.2	49.3	SW	9			.05	10	nb	SW	Lt. Rain		O.E.R.	14
15	65.5	28.832	.105	28.727	29.65	42.9	41.7	40	90	.247	45.0	41.5	W	11			.01	10	nb	W	Lt. Rain		O.E.R.	15
16	67.5	28.986	.111	28.875	29.81	42.8	40.2	37	80	.219	44.3	41.1	W	16			.02	5	st cu	NW	Pt cloudy		O.E.R.	16
17	67.5	29.128	.112	29.016	29.95	47.3	42.7	37	69	.219	50.2	40.1	SW	9			0	2 1	ci st ci cu	NW NW	Clear		O.E.R.	17
18	72.0	28.813	.122	28.691	29.60	57.9	57.2	56	96	.448	65.2	56.7	SE	3	25	SW	.25	10	st	S	Cloudy		O.E.R.	18
19	71.5	28.987	.121	28.866	29.79	48.1	47.2	46	94	.310	60.0	47.1	NE	8			.70	10	nb	NE	Misting		O.E.R.	19
20	72.0	29.366	.124	29.242	30.17	48.4	47.1	46	91	.310	58.0	46.7	NE	10			0	10	st	NE	Cloudy		O.E.R.	20
21	71.5	29.387	.123	29.264	30.19	56.2	52.6	50	79	.360	61.4	51.2	E	6			0	3	a cu	SW	Clear		O.E.R.	21
22	77.0	29.453	.138	29.315	30.24	71.4	66.8	64	79	.595	82.4	69.3	SW	8			0	8	a st	SW	Cloudy		O.E.R.	22
23	78.0	29.164	.139	29.025	29.92	69.7	68.1	68	92	.684	75.8	67.8	SW	14			.15	10	nb	SW	Lt. Rain		O.E.R.	23
24	75.5	28.993	.132	28.861	29.77	66.7	65.1	64	92	.595	66.7	63.8	S	11			.14	4 4	a cu st	SW SW	Cloudy		O.E.R.	24
25	74.5	28.916	.129	28.787	29.69	61.3	57.7	50	66	.360	66.4	59.1	W	8			.02	1	a cu	W	Clear		O.E.R.	25
26	70.5	28.975	.119	28.856	29.77	54.7	50.6	48	76	.334	61.5	54.7	NW	18			T	8	st cu	NW	Cloudy		O.E.R.	26
27	69.0	29.331	.116	29.215	30.15	47.2	40.6	32	56	.180	54.0	43.8	E	7			0	7	a st	NW	Pt cloudy		O.E.R.	27
28	66.5	29.025	.108	28.917	29.85	48.3	41.8	34	57	.195	55.2	45.1	E	13			0	7	a st	SW	Pt cloudy		O.E.R.	28
29	66.5	28.952	.108	28.844	29.75	57.1	54.4	53	84	.402	64.2	51.5	E	6			.32	Few	cu	S	Clear		O.E.R.	29
30	69.0	29.066	.115	28.951	29.86	58.3	58.1	58	99	.482	67.2	57.9	E	6			.22	10	nb	E	Lt. Rain		O.E.R.	30
31	69.5	29.314	.117	29.197	30.12	57.8	53.5	50	76	.360	66.1	53.9	NW	9			T	Few	a st st cu	W NW	Clear		O.E.R.	31
Sums		(a)	(a)	898.482	927.03	1666.8	1554.5	1446	2415	10.442	(a)	(a)	(a)	287	(a)	(a)	2.58	189	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	28.983	29.904	53.8	50.1	46.6	77.9	.337	(a)	(a)	(c) SW	9.3	(a)	(a)	(a)	6.1	U a st L st	UW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	75.5	29.204	.133	29.071	30.00	59.5	48.8	38	45	.228	64.6	44.4	W	7			0	2	acu	NW	Clear			O.E.R.	1
2	73.5	29.030	.127	28.903	29.82	58.0	53.1	49	73	.347	68.0	50.7	SE	6			T	6 2	acu st	N SE	Cloudy			P.M.D.	2
3	74.0	28.942	.128	28.814	29.71	65.0	52.0	40	40	.247	70.3	60.8	S	6			0	6 4	ast stcu	W SW	Cloudy			P.M.D.	3
4	72.5	29.130	.125	29.005	29.93	53.4	47.0	41	62	.256	57.6	51.1	SW	7			0	10	stcu	SW	Cloudy			P.M.D.	4
5	71.0	29.224	.121	29.103	30.03	60.0	54.0	49	68	.347	65.0	50.2	N	3			T	10	nb	N	Sprinkling			P.M.D.	5
6	73.5	29.270	.128	29.142	30.06	61.2	57.2	49	64	.347	66.0	53.9	E	9			0	5 5	acu stcu	W E	Cloudy			P.M.D.	6
7	74.0	29.244	.129	29.115	30.04	63.0	53.0	45	51	.298	71.0	52.5	E	12			0	7	ast	SW	Pt cloudy			P.M.D.	7
8	72.0	28.993	.123	28.870	29.79	67.3	63.9	62	83	.555	69.2	49.9	SE	6			0	5 3	ast stcu	W SE	Cloudy			O.E.R.	8
9	78.5	28.864	.139	28.725	29.62	79.0	65.4	58	49	.482	86.0	62.8	S	15	30	S	0	10	st	S	Cloudy			P.M.D.	9
10	75.0	28.940	.131	28.809	29.72	56.4	52.4	49	77	.347	66.0	56.4	W	13	39	SW	T	10	stcu	W	Cloudy			P.M.D.	10
11	73.0	29.134	.126	29.008	29.95	46.4	43.8	41	82	.256	49.3	44.2	NW	8			T	10	stcu	NW	Cloudy			P.M.D.	11
12	72.0	29.178	.124	29.054	29.98	55.0	49.6	45	69	.298	56.9	43.8	W	3			0	8	stcu	W	Cloudy			P.M.D.	12
13	73.0	29.016	.125	28.891	29.81	57.2	53.2	50	77	.360	65.0	50.0	SW	6			T	10	nb	SW	Sprinkling			P.M.D.	13
14	70.0	28.886	.118	28.768	29.69	45.0	42.6	40	83	.247	55.9	45.0	W	9	25	W	.06	10	st	NW	Cloudy			P.M.D.	14
15	66.5	28.922	.108	28.814	29.73	42.7	41.7	41	92	.256	45.8	42.7	W	14	28	W	.06	10	nb	W	Lt Rain			O.E.R.	15
16	67.5	29.110	.111	28.999	29.94	50.2	44.2	37	62	.219	54.4	42.8	NW	9	25	NW	0	2	ast	NW	Clear			P.M.D.	16
17	71.0	28.854	.119	28.735	29.65	65.2	55.0	47	52	.322	69.2	47.3	SW	16	32	SW	T	10	stcu	SW	Cloudy			P.M.D.	17
18	73.5	28.896	.127	28.769	29.68	60.0	59.5	59	97	.499	64.3	57.9	E	9			.64	10	nb	E	Lt Rain			P.M.D.	18
19	72.5	29.148	.125	29.023	29.95	58.0	55.0	53	83	.402	59.3	48.1	N	3			T	6 8	stcu ast	N SW	Pt Cloudy			P.M.D.	19
20	73.0	29.322	.126	29.196	30.13	61.4	54.8	50	66	.360	65.0	48.4	E	8			0	2	st	E	Cloudy			P.M.D.	20
21	77.0	29.374	.137	29.237	30.16	82.4	72.4	68	62	.684	87.4	56.2	S	5			0	3	ast	W	Clear			P.M.D.	21
22	78.5	29.319	.141	29.178	30.09	75.8	69.1	66	71	.638	80.2	71.4	S	8			T	4 5	acu st	SW SW	Cloudy			E.E.R.	22
23	77.0	29.018	.136	28.882	29.79	66.4	62.9	61	83	.536	77.4	61.3	W	6	39	W	.25	1 2	acu stcu	N W	Clear			P.M.D.	23
24	77.0	28.840	.135	28.705	29.60	66.4	65.4	64	95	.595	80.0	66.2	S	7			.66	10	stcu	S	Cloudy			P.M.D.	24
25	74.0	28.890	.128	28.762	29.67	61.5	57.6	55	79	.432	70.8	55.6	SW	10	31	W	.05	2	cu	W	Clear			P.M.D.	25
26	71.0	29.202	.121	29.081	30.01	54.0	48.0	42	65	.266	57.8	54.0	N	8	30	NW	0	2	stcu	N	Clear			P.M.D.	26
27	68.5	29.121	.114	29.007	29.94	55.2	46.2	36	49	.211	59.3	47.2	E	12			0	9 4	st ast	SW W	Cloudy			E.E.R.	27
28	67.5	28.912	.111	28.801	29.71	64.2	54.0	46	51	.310	67.9	48.3	E	9			T	3	cu	SW	Pt Cloudy			E.E.R.	28
29	69.5	29.013	.116	28.897	29.82	67.2	62.4	60	77	.517	76.4	57.1	E	11			0	3	cu	SE	Clear			O.E.R.	29
30	71.0	29.210	.121	29.089	30.01	66.1	62.0	60	80	.517	73.1	58.3	NW	9			T	3	stcu	NW	Clear			O.E.R.	30
31	71.5	29.325	.122	29.203	30.12	61.8	52.1	43	52	.277	68.4	57.8	NW	11			0	1	cist	W	Clear			O.E.R.	31
Sums		(a)	(a)	897.656	926.15	1884.9	1695.3	1544	2139	11.656	(a)	(a)	(a)	265	(a)	(a)	1.72	223	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	28.957	29.876	60.8	54.7	49.8	69.0	.376	(a)	(a)	(c) E	8.6	(a)	(a)	(a)	7.2	U ast L stcu	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1927.

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 a.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Sunday 1	65	40	25	4	52																0				0	0	0	0	1
2	68	46	22	5	57				R	2:55p	3:25p										T				0	0	0	0	2
3	70	54	16	5	62				R	DNa	DNa										T				0	0	0	0	3
4	61	49	12	7	55																0				0	0	0	0	4
5	65	46	19	1	56				R	DNa	DNa	R	5:45p	7:03p							.01				0	0	0	0	5
6	66	49	17	2	58				R	DNp	DNp										T				0	0	0	0	6
7	71	49	22	2	60																0				0	0	0	0	7
8	69	48	21	2	58				R	DNa	6:35a										.19				0	0	0	0	8
9	86	61	25	16	74				R	5:10a	5:50a	R	9:45p	Cont'd							.49				0	0	0	0	9
10	66	50	16	16	58				R	Cont'd	DNa	R	4:55p	5:05p							.01				0	0	0	0	10
11	50	42	8	12	46				R	DNa	DNa	R	8:45a	11:10a	R	1:00p	1:15p	R	3:50p	5:15p	T				0	0	0	0	11
12	57	41	16	3	49				R	DNa	DNa										T				0	0	0	0	12
13	65	41	24	4	53				R	3:48p	Cont'd										.02				0	0	0	0	13
14	56	43	13	3	50				R	Cont'd	7:50a	R	11:35a	1:30p	R	2:30p	5:50p	R	7:05p	7:20p	.09				0	0	0	0	14
15	46	42	4	6	44				R	DNa	12:05p	R	12:35p	1:10p	R	2:46p	Cont'd				.09				0	0	0	0	15
16	54	41	13	4	48				R	Cont'd	DNa										T				0	0	0	0	16
17	69	40	29	6	54				R	1:55p	2:05p										T				0	0	0	0	17
18	64	50	14	3	57				R	DNa	6:20a	R	7:55a	8:10a	R	11:30a	11:35a	R	3:30p	DNp	1.59				0	0	0	0	18
19	59	47	12	4	53				R	6:15a	9:35a										T				0	0	0	0	19
20	65	47	18	3	56																0				0	0	0	0	20
21	87	51	36	13	69																0				0	0	0	0	21
22	80	68	12	5	74				R	1:00p	1:35p	R	6:05p	6:25p	R	8:30	DNp				.15				0	0	0	0	22
23	77	61	16	5	69				R	DNa	7:30a	R	1:34p	4:15p							.25				0	0	0	0	23
24	80	62	18	2	71				R	DNa	6:10a	R	3:20p	5:55p	R	DNp	DNp				.80				0	0	0	0	24
25	71	56	15	7	64				R	DNa	DNa	R	2:18p	2:20p	R	3:34p	4:35p	R	7:15p	7:35p	.07				0	0	0	0	25
26	58	47	11	12	52				R	6:30a	6:35a										T				0	0	0	0	26
27	59	44	15	0	52																0				0	0	0	0	27
28	68	45	23	4	56				R	5:20p	5:35p	R	7:50p	9:30p	R	DNp	Cont'd				.03				0	0	0	0	28
29	76	52	24	8	64				R	Cont'd	DNa	R	DNp	DNp							.29				0	0	0	0	29
30	73	57	16	1	65				R	DNa	9:00a	R	DNp	DNp							.22				0	0	0	0	30
31	68	51	17	5	60																0				0	0	0	0	31
S	2069	1520	549	170	1796		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.30		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	66.7	49.0	17.7	5.5	57.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF May, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
28.983	28.957	28.970	29.320	22	28.630	18	0.690	29.904	29.876	29.890	30.24	22	29.54	18	0.70
Corrected mean		28.965						Corrected mean		29.885					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
53.8	60.8	57.3	50.1	54.7	52.4	66.7	49.0	57.8	87	21	40	1	47	36	21	4	15

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
46.6	49.8	48.2	77.9	69.0	73.4	.337	.376	.356

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	0	0

Clouds.

Most frequent clouds: Strato-Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7550	10.1	W	40	W	9	3	2	15	3	7	13	13	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1	7.2	5.8	58	7	17	7	2	9	4

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
17	0	0	9,10,18,23,24,25 28,29,30.	9	1,2,3,5,6,9, 13,17,22, 23,27,28	7	0	0	10	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.30	1.59	18"	0			0			9	15	11	5	1	24	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.28, date 24"; 10 minutes 0.33, date 24"; 15 minutes 0.39, date 24"

30 minutes 0.49, date 24"; 1 hour 0.56, date 24"; 2 hours 0.70, date 18"

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
24"	3:20p	5:55p	0.66	4:40p	4:55p	0.11	0.06	0.24	0.39											
28"	DNp	Cont'd																		
29"	Cont'd	DNa	0.30	12:45a	12:51a	0.03	0.25	0.27 ~~0.26~~												

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

O. E. Russell, Observer, Weather Bureau.
Temporarily in Charge

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1927,

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
27"	2:00 p.m.	1:00 p.m.	68.5	29.231	.114	29.117	30.05	57.2	46.7	35	22	44	57.2	E	12			0	7	a cw	W	Pt Cloudy	Ordered by Chicago	O.H.R.	27"
31"	2:00 pm	1:00 p.m	69.5	29.292	.117	29.175	30.10	66.4	54.8	45	21	47	67.7	N	14	20	N	0	1	st cw	N	Clear	Ordered by Chicago	O.H.R.	31"
						Extremes of Pressure																			
22"	9:00 am	8:00 am				Highest 29.320	30.24	74.0																	22"
18"	11:15 pm	10:15 pm				Lowest 28.630	29.54	52.0																	18"

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1927.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	20	6									38	5	63	10	14	3			135	24
2							41	7	5	1	77	11	51	5					174	24
3							6	1	34	6	94	11	65	6					199	24
4											41	6	171	16	17	2			229	24
5	16	5	3	1	6	1					86	11	50	6					161	24
6			73	8	121	16													194	24
7			29	4	202	17	31	3											262	24
8			20	2	84	7	131	15											235	24
9									278	18	78	5	16	1					372	24
10									25	1	316	14	147	9					488	24
11													205	20	36	4			241	24
12											4	1	123	18	42	5			169	24
13	11	2			4	1			12	2	64	11	22	6	9	2			122	24
14											30	4	227	17	12	3			269	24
15													327	21	48	3			375	24
16													35	4	326	20			361	24
17											306	19	29	5					335	24
18	7	1	47	4	76	7	8	2	7	1	54	6	5	1	10	2			214	24
19	19	4	83	12	10	1									45	7			157	24
20			45	5	134	15	27	3							2	1			208	24
21					51	8	4	1	46	8	56	7							157	24
22							36	6	66	10	59	7	10	1					171	24
23									21	2	247	20	23	2					291	24
24									67	8	174	16							241	24
25											138	11	189	13					327	24
26	25	4	10	3							9	1	55	5	215	11			314	24
27			11	2	135	16	49	6											195	24
28			15	1	250	20	37	3											302	24
29			18	2	156	14	57	8											231	24
30	6	1	27	6	42	6							45	4	59	7			179	24
31	83	9											16	3	143	12			242	24
SUM,	187	32	381	50	1271	129	427	55	561	57	1871	166	1874	173	978	82	0	0	7550	744
PERCENTAGE,	2	4	5	7	17	17	6	8	7	8	25	22	25	23	13	11	0	0	a	a
AVG. HOURLY VELOCITY,	5.8	a	7.6	a	9.9	a	7.8	a	9.8	a	11.3	a	10.8	a	11.9	a	0.0	a	10.1	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of *June*, *1927.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ----------; No. of wet thermometer in use, ----------; No. of maximum thermometer in use, ----------; No. of minimum thermometer in use, ----------

†Elevation above ground of the dry thermometer, ---------- feet; rain gage, ---------- feet; anemometer, ---------- feet.

If the office has been moved during the month, give date ----------; amount of change in height of barometer, ---------- feet (higher or lower)

No. of extra barometer, 675; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry streets, rooms 911-12 Tri State Bldg first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1927.

Number of Station barometer, 656; sum of corrections, -0.09 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	69.5	29.393	.118	29.275	30.22	49.3	46.7	44	83	.287	61.8	47.0	E	8			0	2 4	ci st st cu	W E	Pt Cloudy		OAR	1
2	70.0	29.294	.119	29.175	30.10	56.1	49.4	44	62	.287	61.6	49.3	SE	5			0	2	a st	W	Clear		OAR	2
3	69.5	29.163	.117	29.046	29.97	56.6	51.8	48	73	.334	60.5	52.2	NE	8			T	Few	a st	SW	Clear		OAR	3
4	71.5	28.750	.120	28.630	29.53	65.7	62.4	61	84	.536	69.1	59.8	SW	12	31	S	.65	2 1	a cu cu	W SW	Clear		OAR	4
5	71.5	29.310	.122	29.188	30.11	53.3	48.1	43	69	.277	69.4	53.3	NW	16			.20	4 2	a cu st cu	W NW	Pt Cloudy		OAR	5
6	70.0	29.526	.119	29.407	30.35	51.4	45.1	38	61	.228	58.3	46.8	E	6			0	7	a st	SW	Pt Cloudy		OAR	6
7	70.0	29.327	.119	29.208	30.13	58.2	52.4	48	68	.334	63.4	52.7	SW	5			0	7	a cu	W	Pt Cloudy		OAR	7
8	71.5	29.268	.122	29.146	30.07	62.9	57.4	54	72	.417	68.2	56.4	SW	12			0	Few	ci	W	Clear		OAR	8
9	73.0	29.217	.126	29.091	30.00	65.8	60.4	57	74	.465	74.2	60.2	SW	9			0	3 2	a st cu	W SW	Pt Cloudy		OAR	9
10	76.0	28.947	.133	28.814	29.70	72.8	68.7	67	82	.661	77.2	69.4	SW	18	25	SW	0	2 3	a cu cu	SW SW	Pt Cloudy		OAR	10
11	77.5	29.125	.137	28.988	29.91	61.5	55.3	51	68	.373	67.8	54.5	NW	2			0	Few 3	a st Lt. Smoke	W? NW	Clear		OAR	11
12	76.5	29.148	.135	29.013	29.93	52.9	51.8	51	93	.373	73.4	52.6	NE	11			.18	10	st	NE	Cloudy		OAR	12
13	74.0	29.302	.129	29.173	30.09	55.2	50.4	47	72	.322	65.3	54.1	N	5			T	9 5	st a cu	NW SW	Cloudy		OAR	13
14	71.5	29.230	.122	29.108	30.04	52.9	50.4	48	85	.334	55.9	52.3	N	6			.03	4	st	NW	Cloudy		OAR	14
15	71.5	29.340	.122	29.218	30.14	52.6	48.8	45	76	.298	63.3	50.4	E	13			0	5	st cu	SW	Pt Cloudy		OAR	15
16	70.5	29.425	.121	29.304	30.23	55.1	49.6	45	68	.298	64.1	47.5	E	4			0	2	ci st	SW	Clear		OAR	16
17	70.5	29.328	.120	29.208	30.13	55.7	48.3	41	58	.256	64.3	53.2	E	8			0	5 2	a st a cu	SW SW	Pt Cloudy		OAR	17
18	71.0	29.132	.121	29.011	29.93	54.1	53.6	53	97	.402	64.9	53.2	N	10			.15	10	Nb	N	Lt. Rain		OAR	18
19	69.5	29.210	.117	29.093	30.01	59.2	56.6	55	85	.432	63.3	53.4	W	2			0	1 2	ci cu a cu	W W	Clear		OAR	19
20	72.0	29.178	.124	29.054	29.97	59.2	57.8	57	92	.465	75.1	57.8	NE	6			0	9	st	NE	Cloudy		OAR	20
21	74.5	28.975	.129	28.846	29.75	68.7	62.5	59	71	.499	75.1	64.8	SE	14			0	5 Few	a st cu	SW SE	Pt Cloudy		OAR	21
22	75.0	29.023	.131	28.892	29.80	67.8	65.3	64	88	.595	70.8	65.5	SW	11			.18	1 Few	ci st cu	SW SW	Clear		OAR	22
23	76.0	29.201	.134	29.067	29.98	60.1	58.9	58	93	.482	75.1	60.1	NW	11			T	10	Nb	NW	Misting		OAR	23
24	73.0	29.382	.127	29.255	30.19	58.9	56.3	55	85	.432	58.9	55.6	E	5			0	8	st cu	SE	Cloudy		OAR	24
25	74.0	29.021	.128	28.893	29.80	70.3	64.6	62	74	.535	72.2	64.3	SW	18			0	4	cu	SW	Pt Cloudy		OAR	25
26	76.0	29.355	.134	29.221	30.14	56.2	52.2	49	77	.347	75.1	52.2	N	14			0	0	0	0	Clear		OAR	26
27	75.5	29.500	.134	29.366	30.30	58.9	52.1	46	64	.310	68.3	50.1	NE	3			0	0	0	0	Clear		OAR	27
28	76.0	29.470	.135	29.335	30.26	64.8	56.1	49	58	.347	73.0	58.4	S	7			0	2	ci st	NW	Clear		OAR	28
29	77.5	29.419	.139	29.280	30.19	72.9	67.7	66	77	.638	83.5	64.8	SW	7			0	0	0	0	Clear		OAR	29
30	83.0	29.383	.153	29.230	30.13	76.9	71.1	68	76	.684	88.5	71.9	SW	7			0	Few	cu	SW	Clear		OAR	30
31																								31
Sums		(a)	(a)	873.53.5	901.10	1806.0	1671.8	1573	2285	122.68	(a)	(a)	(a)	263	(a)	(a)	1.39	135	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.118	30.037	60.2	55.7	52.4	76.2	4.09	(a)	(a)	(c) SW	8.8	(a)	(a)	(a)	4.5	U cu L cu	U SW L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.302	.121	29.181	30.11	61.6	52.2	44	53	.287	64.2	49.3	E	6			0	7	ci st	W	Pt Cloudy			O.K.	1
2	70.5	29.157	.120	29.037	29.96	60.5	54.0	49	66	.347	65.9	56.1	SE	3			0	10	st	SE	Cloudy			O.K.	2
3	71.5	29.008	.121	28.887	29.80	69.1	62.2	58	68	.482	73.2	56.6	SE	5			T	1 5	ci st cu	W W	Pt Cloudy			O.K.	3
4	73.5	29.065	.127	28.938	29.85	69.4	63.2	60	71	.517	71.9	65.7	W	6	26	W	0	3	cu	W	Clear			O.K.	4
5	72.5	29.458	.126	29.332	30.27	58.3	48.1	38	46	.228	61.2	51.9	NW	6			0	3	st cu	N	Clear			O.K.	5
6	71.5	29.359	.122	29.237	30.17	63.4	53.2	45	51	.298	66.3	51.4	S	6			0	3 2	a cu st cu	SW S	Pt Cloudy			O.K.	6
7	72.0	29.241	.124	29.117	30.04	68.2	57.8	50	53	.360	71.8	58.2	W	3			0	2 1	ci st st cu	W W	Clear			O.K.	7
8	75.5	29.186	.133	29.053	29.96	74.2	65.1	60	62	.517	78.4	62.9	SW	8			0	Few	cu	SW	Clear			O.K.	8
9	78.0	29.031	.138	28.893	29.80	77.2	63.9	56	48	.448	82.1	65.8	SW	12			0	Few	ci	W	Clear			O.K.	9
10	79.5	29.042	.142	28.900	29.81	67.8	58.9	53	59	.402	81.2	67.8	N	12			T	Few Few	a st cu	NW NW	Clear			O.K.	10
11	77.5	29.040	.137	28.903	29.81	73.4	62.1	55	53	.432	77.2	61.5	W	3			0	10	st	SW	Cloudy			O.K.	11
12	76.5	29.233	.135	29.098	30.02	65.3	55.7	48	55	.334	66.3	52.9	N	3			0	Few 1	a cu st	NW N	Clear			O.K.	12
13	73.0	29.263	.126	29.137	30.07	55.9	53.4	52	85	.387	59.4	55.2	N	5			.06	10	nb	N	Lt. Rain			O.K.	13
14	72.5	29.253	.125	29.128	30.05	63.3	54.1	47	55	.322	65.4	52.9	N	3			0	4	cu	NW	Pt Cloudy			O.K.	14
15	72.5	29.328	.125	29.203	30.12	64.1	51.2	39	40	.237	65.8	52.6	NE	6			0	Few	cu	NE	Clear			O.K.	15
16	71.5	29.333	.122	29.211	30.13	64.3	52.5	42	44	.266	68.1	55.1	E	7			0	2 3	ci st a cu	W SW	Pt Cloudy			O.K.	16
17	72.0	29.205	.124	29.081	30.00	64.9	52.7	42	43	.266	71.8	55.7	NE	10			0	3 1	ci st a cu	SW SW	Pt Cloudy			O.K.	17
18	70.5	29.149	.120	29.029	29.95	63.3	59.1	56	78	.448	64.7	54.1	N	7			.09	8	st cu	N	Cloudy			O.K.	18
19	72.5	29.153	.125	29.028	29.95	75.1	63.1	56	51	.448	77.7	59.2	NW	2			0	4	st cu	NW	Pt Cloudy			O.K.	19
20	74.5	29.063	.129	28.934	29.84	75.1	67.8	64	69	.595	78.6	59.2	E	4			0	4 Few	a st cu	SW SE	Pt Cloudy			O.K.	20
21	75.5	28.837	.131	28.706	29.61	69.8	69.5	69	99	.707	78.3	68.7	S	3			1.15	10	nb	SW	Hy Rain			O.K.	21
22	77.5	29.033	.137	28.896	29.81	75.1	64.5	59	57	.499	81.7	67.8	SW	13			T	Few 4 2	ci cu cu nb	SW SW SW	Pt Cloudy			O.K.	22
23	74.5	29.312	.130	29.182	30.10	58.2	54.4	52	78	.387	65.6	56.8	NW	7			T	9 1	st cu ci st	N W	Cloudy			O.K.	23
24	75.0	29.160	.132	29.028	29.95	72.2	63.8	59	63	.499	74.6	58.9	S	8			0	1	ci cu	W	Clear			O.K.	24
25	78.5	29.072	.140	28.932	29.83	75.1	63.8	58	54	.482	86.7	70.3	NW	18	25	SW	0	1	cu	W	Clear			O.K.	25
26	77.0	29.400	.138	29.262	30.19	68.3	55.8	46	45	.310	70.8	56.2	NE	7			0	Few	st cu	N	Clear			E.S.H.	26
27	77.5	29.423	.139	29.284	30.21	73.0	56.0	42	33	.266	75.0	58.9	SE	3			0	Few	a st	NW	Clear			E.S.H.	27
28	81.0	29.376	.148	29.228	30.14	83.5	65.5	55	38	.432	86.8	64.8	SW	7			0	0	0	0	Clear			E.S.H.	28
29	87.0	29.354	.163	29.191	30.09	88.5	74.0	67	51	.661	92.5	72.9	SW	4			0	0	0	0	Clear			E.S.H.	29
30	90.0	29.277	.171	29.106	30.00	92.1	74.1	66	43	.638	94.1	76.9	SW	2			0	1	cu	SW	Clear			E.S.H.	30
31																									31
Sums		(a)	(a)	872.142	899.64	2090.2	1791.7	1587	1711	12502	(a)	(a)	(a)	189	(a)	(a)	1.30	116	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.071	29.988	69.7	59.7	52.9	57.0	.417	(a)	(a)	(c) SW	6.3	(a)	(a)	(a)	3.9	U ci st L cu	U W L N-SW.	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1927.

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Wednesday 1	64	47	17	4	56																0				0	0	0	0	1
2	66	49	17	2	58				R	8:30p	DNp										T				0	0	0	0	2
3	73	52	21	4	62				R	6:20p	6:35p	R	10:45p	Cont'd							.04				0	0	0	0	3
4	72	60	12	4	66				R	Cont'd	DNa	R	7:25p	8:25p							.81				0	0	0	0	4
5	61	49	12	11	55																0				0	0	0	0	5
6	66	47	19	1	56																0				0	0	0	0	6
7	72	53	19	6	62																0				0	0	0	0	7
8	78	56	22	5	67																0				0	0	0	0	8
9	82	60	22	4	71																0				0	0	0	0	9
10	81	58	23	1	70				R	7:37a	7:42a										T				0	0	0	0	10
11	77	54	23	4	66				R	7:06p	7:20p										T				0	0	0	0	11
12	66	53	13	6	60				R	DNa	6:10a										.18				0	0	0	0	12
13	59	53	6	4	56				R	DNa	DNa	R	7:30a	8:25a	R	9:35a	1:46p	R	4:20p	Cont'd	.09				0	0	0	0	13
14	65	52	13	2	58				R	Cont'd	DNa										T				0	0	0	0	14
15	66	50	16	0	58																0				0	0	0	0	15
16	68	48	20	0	58																0				0	0	0	0	16
17	72	53	19	4	62																0				0	0	0	0	17
18	65	53	12	3	59				R	DNa	12:45p										.24				0	0	0	0	18
19	78	53	25	7	66																0				0	0	0	0	19
20	79	58	21	2	68																0				0	0	0	0	20
21	78	65	13	4	72				R	11:45a	7:50p	R	DNp	DNp							1.33				0	0	0	0	21
22	82	65	17	2	74				R	6:30p	6:35p										T				0	0	0	0	22
23	66	56	10	13	61				R	5:15a	7:05a										T				0	0	0	0	23
24	75	56	19	5	66																0				0	0	0	0	24
25	87	62	25	8	74																0				0	0	0	0	25
26	71	52	19	12	62																0				0	0	0	0	26
27	75	50	25	0	62																0				0	0	0	0	27
28	87	58	29	10	72																0				0	0	0	0	28
29	92	65	27	6	78																0				0	0	0	0	29
30	94	72	22	5	83																0				0	0	0	0	30
31																													31
S	2217	1659	558	139	1938		Total excess or deficiency since Jan. 1, —		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.69		Total excess or deficiency since Jan. 1, —		0	0	(a)	(a)	(a)
M	73.9	55.3	18.6	4.6	64.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF June, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.118	29.071	29.094	29.407	6	28.630	4	0.777	30.037	29.988	30.012	30.35	6	29.53	4	0.82
Corrected mean		29.090						Corrected mean		30.008					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
60.2	69.7	65.0	55.7	59.7	57.7	73.9	55.3	64.6	94	30	47	6	47	29	28	6	13

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
52.4	52.9	52.6	76.2	57.0	66.6	.409	.417	.413	0	2	0	0

CLOUDS.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: W

Most frequent direction lower clouds: SW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5896	8.2	SW	31	S	4	9	7	9	5	4	15	4	7	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.5	3.9	4.2	72	15	10	5	1	1	4

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	3, 4, 21	0	1, 3, 6, 11, 14, 15, 16, 17, 21	11, 16	0	0	0	0	11	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.69	1.33	21	0			0			6	6	6	2	1	12	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.20, date 21; 10 minutes 0.27, date 21; 15 minutes 0.35, date 21

30 minutes 0.59, date 21; 1 hour 0.73, date 21; 2 hours 0.82, date 21

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
21	11:45a	7:50P	1.32	6:16P	6:55P	0.64	.06	.17	.24	.31	.39	.58	.63	.67						

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. Hardy

Earle L. Hardy, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1927,

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Special observations.																									Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.							
	75th mer.	Local (standard).	Attached thermometer	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity.†	Max. since last observation.	Direction.	Precipitation.††	Amt.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.		
	None -																									

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If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1927.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90" meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	7	1	90	12	49	7	14	4											160	24
2					8	2	128	22											136	24
3			29	5	27	3	98	15	5	1									159	24
4	10	1					17	2	37	3	34	3	199	14	18	1			315	24
5	9	1											24	3	234	20			267	24
6	28	6	5	1	6	1	24	4	47	10	13	2							123	24
7									9	3	46	9	84	11	9	1			148	24
8											271	24							271	24
9											299	24							299	24
10	24	3									144	9	60	4	95	8			323	24
11	32	4											81	13	15	7			128	24
12	110	15	35	4											24	5			169	24
13	71	14	14	3							12	3	5	2	6	2			108	24
14	58	12	57	11											5	1			120	24
15	8	2	120	15	48	6									3	1			179	24
16			9	2	151	21	8	1											168	24
17			156	16	70	8													226	24
18	134	17	49	5									8	2					191	24
19	16	3			18	5					13	3	18	7	23	5	0	1	88	24
20			12	2	94	18	22	4											128	24
21							115	11	84	8	34	5							233	24
22											302	24							302	24
23											56	6	82	7	92	11			230	24
24	6	1	10	3	21	4	20	3	123	12					5	1			185	24
25	11	1							26	2	199	12	36	2	99	7			371	24
26	175	17	31	4	16	3													222	24
27			15	2	52	12	46	9									0	1	113	24
28							30	4	70	10	87	10							187	24
29											174	20	49	4					223	24
30											117	23	7	1					124	24
31																				
SUM,	699	95	632	95	560	90	522	79	401	49	1801	177	653	70	628	70	0	2	5896	720
PERCENTAGE,	12	14	11	12	9	12	9	11	7	7	30	24	11	10	11	10	0	0	a	a
AVG. HOURLY VELOCITY,	7.1	a	7.4	a	6.2	a	6.6	a	8.2	a	10.2	a	9.3	a	9.0	a	0	a	8.2	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, *1927.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, 14,398 after 28".

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, room 911-12 Tri-State Bldg, first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1927.

Number of Station barometer, 656; sum of corrections, −0.09 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	88.0	29.270	.166	29.104	29.99	82.1	72.1	68	62	.684	92.1	73.4	SW	2			T	2	cu	NW	Clear		E.L.H.	1
2	88.0	29.184	.165	29.019	29.91	72.8	69.3	68	84	.684	90.0	69.9	NW	8	28	NW	0	8	a cu	W	Cloudy		E.L.H.	2
3	83.0	29.373	.153	29.220	30.14	58.0	49.5	42	54	.266	74.4	53.8	N	10			0	Few	ci st	SE	Clear		E.L.H.	3
4	79.0	29.532	.143	29.389	30.32	58.3	51.2	45	62	.298	70.0	54.0	SE	6			0	1	ci cu	S	Clear		E.L.H.	4
5	77.0	29.495	.138	29.357	30.29	60.4	53.3	48	63	.334	71.1	58.2	S	7			0	10	a st	NW	Cloudy		E.L.H.	5
6	75.0	29.200	.132	29.068	29.98	63.0	59.5	57	82	.465	74.8	60.9	SW	6			0.20	10	st cu	SW	Cloudy		E.L.H.	6
7	78.0	29.019	.138	28.881	29.78	67.4	63.0	61	78	.536	84.7	60.4	SW	9	38	NW	0.86	8	st cu	SW	Cloudy		E.L.H.	7
8	78.5	29.386	.142	29.244	30.17	64.0	54.0	46	52	.310	71.1	53.9	NE	4			0	0	0	0	Clear		E.L.H.	8
9	78.5	29.387	.142	29.245	30.17	64.0	55.5	49	58	.347	76.0	56.0	E	2			0	1	cu st	W	Clear		E.L.H.	9
10	79.5	29.239	.143	29.096	30.01	65.5	58.5	54	66	.417	77.4	63.0	S	5			T	10	st cu	S	Cloudy		E.L.H.	10
11	79.0	29.264	.142	29.122	30.03	67.1	62.6	60	78	.517	75.5	61.2	SW	1			0	0	0	0	Clear		E.L.H.	11
12	80.0	29.300	.145	29.155	30.06	74.1	67.1	64	70	.595	83.4	68.3	SW	8			0	3	a. cu	W	Clear		E.L.H.	12
13	83.0	29.180	.152	29.028	29.92	76.8	69.3	66	69	.638	80.5	72.4	SW	12			.02	2 1	ci st cu	NW SW	Clear		E.L.H.	13
14	82.0	29.154	.150	29.004	29.90	71.1	68.6	67	88	.661	79.0	69.4	SW	4	26	S	.09	10	st cu	SW	Cloudy		E.L.H.	14
15	77.0	29.100	.136	28.964	29.87	69.5	68.5	68	95	.684	71.5	68.4	SW	10			.54	10	st cu	SW	Cloudy		E.L.H.	15
16	80.0	29.284	.145	29.139	30.05	74.1	68.2	65	74	.616	79.0	68.2	SW	2			0	Few	st -	SW	Clear		E.L.H.	16
17	78.0	29.140	.139	29.001	29.90	70.0	65.5	63	79	.575	77.8	70.0	SW	14			.02	10	st cu	SW	Cloudy		E.L.H.	17
18	78.5	29.370	.141	29.229	30.15	65.1	59.1	55	70	.432	71.0	57.6	SE	2			0	0	0	0	Clear		E.L.H.	18
19	77.5	29.300	.138	29.162	30.08	64.9	60.0	57	75	.465	79.0	58.5	NE	6			0	0	0	0	Clear		E.L.H.	19
20	77.0	29.426	.138	29.288	30.22	57.4	53.3	50	76	.360	74.4	54.2	NE	8			T	4	st cu	W	St Cloudy		E.L.H.	20
21	78.0	29.381	.140	29.241	30.16	64.0	60.5	58	82	.482	74.6	62.0	NE	8			T	9	st cu	W	Cloudy		E.L.H.	21
22	78.5	29.191	.141	29.050	29.96	68.9	65.4	64	83	.595	80.0	66.0	W	8			.02	Few	cu	NW	Clear		E.L.H.	22
23	76.0	29.240	.134	29.106	30.03	62.0	57.5	55	77	.432	65.6	57.9	NW	12			0	2	st cu	SE	Clear		E.L.H.	23
24	73.0	29.210	.126	29.084	30.00	62.5	57.5	54	74	.417	71.3	56.8	W	6			0	0	0	0	Clear		E.L.H.	24
25	75.0	29.248	.132	29.116	30.03	62.8	57.7	55	74	.432	74.5	57.8	SW	2			0	0	0	0	Clear		E.L.H.	25
26	79.0	29.252	.142	29.110	30.02	68.5	61.5	58	68	.482	79.2	64.1	SW	2			0	0	0	0	Clear		E.L.H.	26
27	76.0	29.243	.134	29.109	30.02	68.4	64.9	63	83	.575	81.1	64.5	SW	7			0	0	0	0	Clear		E.L.H.	27
28	81.5	29.256	.149	29.107	30.01	73.1	66.6	63	71	.575	85.3	69.2	SW	8			0	5 3	cu st cu	W W	Cloudy		E.L.H.	28
29	82.0	29.190	.150	29.040	29.95	68.8	67.0	66	91	.638	74.8	67.2	W	3			.53	10	st cu	SW	Cloudy		E.L.H.	29
30	80.5	29.132	.146	28.986	29.90	65.8	62.3	61	83	.536	77.5	64.1	E	6			T	10	st cu	W	Cloudy		E.L.H.	30
31	79.0	29.058	.141	28.917	29.83	64.0	64.0	64	100	.595	71.0	64.0	W	6			.04	10	Nb	W	Lt. Rain		E.L.H.	31
Sums		(a)	(a)	902.581	930.85	2074.4	1913.0	1814	2321	15643	(a)	(a)	(a)	1.94	(a)	(a)	2.32	139	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.116	30.027	66.9	61.7	58.5	74.9	.505	(a)	(a)	(c) SW	6.3	(a)	(a)	(a)	4.5	U ci st L st cu	UW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds.

L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1927

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	92.0	29.162	.176	28.986	29.88	90.0	74.5	68	48	.684	95.1	82.1	SW	5			0	1 4	ci st cu	W NW	Pt Cloudy			O.E.R.	1
2	86.0	29.200	.160	29.040	29.94	74.4	60.7	52	45	.387	84.7	72.8	NW	12			0	1 1	cu ci	NW W	Clear			O.E.R.	2
3	82.0	29.390	.151	29.239	30.16	70.0	56.0	45	40	.298	74.0	58.0	NW	10			0	Few	st cu	NW	Clear			E.L.H.	3
4	80.0	29.450	.146	29.304	30.23	71.1	55.6	43	36	.277	73.2	58.3	NE	4			0	0	0	0	Clear			E.L.H.	4
5	78.5	29.303	.141	29.162	30.08	74.8	59.2	48	39	.334	77.4	60.4	SE	6			T	4	ci st	NW	Pt Cloudy			O.E.R.	5
6	83.5	29.074	.153	28.921	29.82	84.7	68.5	60	44	.517	88.8	63.0	W	7			0	Few	a cu	NW	Clear			O.E.R.	6
7	79.0	29.216	.142	29.074	29.98	71.1	60.6	54	54	.417	78.9	67.4	N	12			0	1	ci	W	Clear			O.E.R.	7
8	80.0	29.380	.146	29.234	30.15	76.0	59.5	48	37	.334	76.8	64.0	NE	2			0	1 4	ci ci cu	W E	Clear			E.L.H.	8
9	82.0	29.259	.150	29.109	30.02	77.4	61.4	51	39	.373	80.1	64.0	E	4			0	3	cu	E	Pt Cldy			E.L.H.	9
10	81.5	29.229	.149	29.080	29.99	75.5	65.0	60	57	.517	82.8	65.5	SE	6			T	6	st cu	E	Pt Cldy			E.L.H.	10
11	84.0	29.286	.154	29.130	30.04	83.4	70.0	63	54	.575	88.8	67.1	SW	5			0	9	st cu	SW	Cloudy			E.L.H.	11
12	83.5	29.259	.154	29.105	30.02	80.5	70.5	66	61	.638	93.3	74.1	E	6			T	8	cu Nb	E	Lt Rain			E.L.H.	12
13	84.0	29.082	.155	28.927	29.82	79.0	70.4	67	66	.661	94.0	76.8	W	8			0	10	st cu	SW	Cloudy			E.L.H.	13
14	80.5	29.120	.145	28.975	29.88	71.5	69.0	68	88	.684	82.0	69.6	SE	4			.16	10	st cu	SW	Cloudy			E.L.H.	14
15	82.0	29.193	.150	29.043	29.95	79.0	70.0	64	64	.638	82.5	69.5	SW	4			T	1 2	ci st a cu	SW SW	Clear			E.L.H.	15
16	83.5	29.200	.154	29.046	29.95	77.8	72.3	70	77	.732	84.8	74.1	S	8			.06	4 Few	a st cu	NW NW	Pt. Cldy			E.L.H.	16
17	80.0	29.288	.145	29.143	30.05	71.0	61.5	56	58	.448	77.2	68.8	NW	8			0	Few	st	W	Clear			E.L.H.	17
18	81.5	29.260	.149	29.111	30.02	79.0	65.0	57	47	.465	82.2	65.0	SW	2			0	3	cu	W	Clear			E.L.H.	18
19	80.0	29.328	.145	29.183	30.10	74.4	64.4	59	58	.499	80.0	64.9	N	9			0	6	st cu	NW	Pt Cloudy			E.L.H.	19
20	78.5	29.365	.141	29.224	30.14	74.6	62.1	55	50	.432	79.4	57.4	NE	10			0	3 3 5	a st cu a st	W W W	Pt Cloudy			O.E.R.	20
21	81.0	29.222	.147	29.075	29.99	80.0	71.0	67	64	.661	86.8	64.0	O	0			0	5	cu	W	Cloudy			O.E.R.	21
22	78.0	29.205	.139	29.066	29.99	65.1	61.6	60	80	.517	77.3	65.6	NW	12			T	10	st	N	Cloudy			O.E.R.	22
23	77.5	29.191	.138	29.053	29.97	71.3	60.5	54	54	.417	78.4	62.0	NW	12			0	1 1	ci st ci	NW NW	Clear			O.E.R.	23
24	78.5	29.180	.141	29.039	29.95	74.5	62.0	54	50	.417	79.7	62.5	W	7			0	2	a cu	NW	Clear			E.L.H.	24
25	79.5	29.208	.143	29.065	29.97	79.2	64.7	56	45	.448	84.3	62.8	W	4			0	1 3 1	ci st cu Lt Haze	W W	Clear			O.E.R.	25
26	83.0	29.213	.152	29.061	29.97	81.1	66.1	58	45	.482	86.1	68.5	W	4			0	1 Few	a st cu	W W	Clear			O.E.R.	26
27	85.5	29.241	.159	29.082	29.99	85.3	69.5	62	45	.555	90.0	68.4	W	6			0	1 6	ci st cu	W W	Clear			O.E.R.	27
28	85.0	29.164	.158	29.006	29.91	74.8	69.6	67	77	.661	93.6	69.8	SW	12	33	NW	.20	3	cu Nb	W	Cloudy			O.E.R.	28
29	81.5	29.145	.149	28.996	29.90	77.5	70.1	67	69	.661	81.5	68.8	N	6			T	Few 4	ci st cu	NW NW	Pt Cloudy			O.E.R.	29
30	80.0	29.030	.144	28.886	29.80	71.0	70.0	70	95	.732	73.3	65.8	SE	1			.16	10	Nb	S	Lt. Rain			O.E.R.	30
31	80.0	29.041	.144	28.897	29.81	75.5	67.0	62	64	.555	82.0	64.0	W	9			.01	2 5	a st st	W W	Pt Cloudy			E.L.H.	31
Sums		(a)	(a)	901.262	929.47	2371.0	2028.3	1833	1750	16.016	(a)	(a)	(a)	205	(a)	(a)	0.59	143	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.073	29.983	76.5	65.4	59.1	56.5	517	(a)	(a)	(c) W	6.6	(a)	(a)	(a)	4.6	U ci st L cu	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1927

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	95	73	22	1	84				R	5:05a	5:10a										T				0	0	0	0	1
2	85	67	18	8	76																0				0	0	0	0	2
3	74	56	18	11	65																0				0	0	0	0	3
4	73	54	19	1	64																0				0	0	0	0	4
5	77	58	19	4	68				R	7:25a	7:30a										T				0	0	0	0	5
6	89	60	29	6	74				R	DNa	6:15a	R	8:35p	8:40p	R	DNp	Cont'd				1.00				0	0	0	0	6
7	79	60	19	4	70				R	Cont'd	DNa	R	6:10a	6:25a							.06				0	0	0	0	7
8	77	56	21	4	66																0				0	0	0	0	8
9	80	56	24	2	68																0				0	0	0	0	9
10	83	63	20	5	73				R	5:40A	6:10A	R	7:30A	8:40A							T				0	0	0	0	10
11	89	61	28	2	75																0				0	0	0	0	11
12	93	68	25	5	80				R	6:50P	7:30P										.02				0	0	0	0	12
13	94	70	24	2	82				R	7:05P	8:22P										.09				0	0	0	0	13
14	82	69	13	6	76				R	11:32A	1:35P	R	2:10P	2:23P	R	8:45P	Con't				0.62				0	0	0	0	14
15	82	68	14	1	75				R	Cont'd	DNA	R	4:40A	6:50A	R	7:10A	7:20A				0.08				0	0	0	0	15
16	85	68	17	1	76				R	12:10P	12:22p										0.06				0	0	0	0	16
17	77	63	14	6	70				R	DNA	DNA										.02				0	0	0	0	17
18	82	58	24	0	70																0				0	0	0	0	18
19	80	58	22	1	69																0				0	0	0	0	19
20	79	54	25	3	66				R	5:25a	5:50a										T				0	0	0	0	20
21	87	62	25	8	74				R	5:55a	6:05a	R	9:45p	10:00p	R	DNp	DNp				.02				0	0	0	0	21
22	77	62	15	4	70				R	11:30a	11:55a	R	1:15p	1:25p	R	4:05p	4:15p				T				0	0	0	0	22
23	78	58	20	2	68																0				0	0	0	0	23
24	80	57	23	0	68																0				0	0	0	0	24
25	84	58	26	3	71																0				0	0	0	0	25
26	86	64	22	4	75																0				0	0	0	0	26
27	90	64	26	2	77																0				0	0	0	0	27
28	94	69	25	5	82				R	3:58p	5:05p	R	7:15p	7:45p	R	8:26p	Cont'd				.65				0	0	0	0	28
29	82	67	15	8	74				R	Cont'd	6:44a	R	7:40a	9:45a							.08				0	0	0	0	29
30	73	64	9	6	68				R	5:15p	10:10p	R	12:12p	1:45p	R	2:30p	2:35p	R	4:35p	4:45p	.20				0	0	0	0	30
31	82	64	18	5	73				R	6:12a	9:10a										.01				0	0	0	0	31
S	2568	1929	639	120	2247		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.91	—	Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	82.8	62.2	20.6	3.9	72.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.116	29.073	29.094	29.400	4	28.870	6	0.530	30.027	29.983	30.005	30.33	4	29.76	6	0.57
Corrected mean		29.091						Corrected mean		30.002					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
66.9	76.5	71.7	61.7	65.4	63.6	82.8	62.2	72.5	95	1	54	4	41	29	6	9	30

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
58.5	59.1	58.8	74.9	56.5	65.7	.505	.517	.511	0	5	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: W

Most frequent direction lower clouds: W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5,590	7.5	SW	38	NW	6	4	7	4	6	3	19	11	7	1

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.5	4.6	4.0	76	14	14	3	0	11	2

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	1, 6, 7, 12, 28, 29, 30	0	1, 5	5	0	0	21+25	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.91	1.05	6-7	0			0			5	13	9	3	1	18	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.15, date 28th; 10 minutes 0.21, date 6th; 15 minutes 0.29, date 6th

30 minutes 0.48, date 6th; 1 hour 0.74, date 6th; 2 hours 0.84, date 6+7th.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
6"	D.N.P.	Cont'd	0.85	11:14P	12 A	.12	.11	.16	.21	.33	.40	.47	.54	.61	.67	.68				
7"	Cont'd.	D.N.A.																		

* The duration is the time precipitation was actually recorded.

8—154

Prepared by O. R. Russell

Earle L. Hardy, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Extremes of pressure																			
						Highest																			
4"	12 noon	11 00 a				29.400	30.33	66.0																	4"
						Lowest.																			
6"	11 00 p	10 00 p				28.870	29.76	79.0																	6"

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1927.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90° meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	5	1							6	1	65	15	12	3	37	3	0	1	125	24
2													10	2	246	22			256	24
3	83	8													182	16			265	24
4	16	2	54	10	55	12													125	24
5							72	11	111	13									183	24
6									52	5	141	11	87	7	18	1			298	24
7	101	8	13	5					24	4	17	2	47	4	16	1			218	24
8	12	3	82	16	16	4	4	1											114	24
9					59	12	41	12											100	24
10			27	4	14	4	23	5	27	8	15	3							106	24
11	14	1							42	7	50	11	7	2	19	3			132	24
12	6	1	8	1	10	2	14	3	34	5	101	11			7	1			180	24
13									68	9	191	14			10	1			269	24
14							18	5	29	4	90	12	20	3					157	24
15									55	5	56	7	70	10	6	2			187	24
16									170	20	12	4							182	24
17											104	9	143	8	37	7			284	24
18							19	5	18	4	49	9	5	1	21	5			112	24
19	117	14	57	5											21	5			195	24
20			188	21	25	3													213	24
21	3	2	14	3	35	6	4	1	26	4	45	6			9	2			136	24
22	40	4									33	6	40	5	109	9			222	24
23	9	1											19	2	242	21			270	24
24											4	1	82	12	130	11			216	24
25											44	13	57	11					101	24
26											68	16	61	8					129	24
27											88	13	101	11					189	24
28									16	2	172	17	47	4	9	1			244	24
29	10	2	5	1	23	4					70	10	28	4	24	3			160	24
30	2	1	55	11	38	9	7	2			4	1							106	24
31			19	6							27	4	70	14					116	24
SUM,	418	48	522	83	275	56	202	45	678	91	1446	195	906	111	1143	114	0	1	5590	744
PERCENTAGE,	8	7	9	11	5	8	4	6	12	12	26	26	16	15	20	15	0	0	a	a
AVG. HOURLY VELOCITY,	8.7	a	6.3	a	4.9	a	4.5	a	7.5	a	7.4	a	8.2	a	10.0	a	0	a	7.5	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of *August*, 192 7.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ----------; No. of wet thermometer in use, ----------; No. of maximum thermometer in use, ----------; No. of minimum thermometer in use, ----------

†Elevation above ground of the dry thermometer, ---------- feet; rain gage, ---------- feet; anemometer, ---------- feet.

If the office has been moved during the month, give date ----------; amount of change in height of barometer, ---------- feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry streets, rooms 911-12 Tri State Bldg; first observation taken in present office, 7:00 a. m. May 20, 1911.

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.5	29.091	.129	28.962	29.87	68.0	63.3	61	77	.536	75.5	63.3	SW	7			0	1	ci St	W	Clear		O.E.R.	1
2	74.5	29.363	.130	29.233	30.15	52.1	46.8	42	67	.266	67.5	47.2	N	8			0	1	a St	NW	Clear		O.E.R.	2
3	74.5	29.295	.130	29.165	30.08	59.4	54.3	50	72	.360	65.0	53.5	NE	4			0	Few	ci St	W	Clear		O.E.R.	3
4	73.0	29.253	.126	29.127	30.05	60.8	55.2	51	70	.373	72.8	55.6	SW	4			0	Few	a cu	NW	Clear		O.E.R.	4
5	75.0	29.312	.132	29.180	30.10	60.7	57.4	55	82	.432	74.2	59.5	N	7			T	1	St cu	N	Clear		O.E.R.	5
6	75.5	29.258	.133	29.125	30.03	64.7	53.3	44	46	.287	73.0	56.7	SE	3			0	1	a cu	W	Clear		O.E.R.	6
7	76.5	29.097	.135	28.962	29.87	68.7	66.5	65	89	.616	73.5	67.1	SW	6			T	2	a St	W	Clear		O.E.R.	7
8	80.0	29.057	.144	28.913	29.82	65.7	65.2	65	97	.616	71.1	65.0	N	4			.54	10	Nb	N	Lt. Rain		O.E.R.	8
9	77.5	29.379	.139	29.240	30.16	55.6	48.1	41	58	.256	71.0	54.6	N	12			.03	Few	a St	NW	Clear		O.E.R.	9
10	76.5	29.391	.136	29.255	30.19	59.1	53.9	50	72	.360	70.0	53.3	N	1			0	5	a cu	SW	Pt Cloudy		O.E.R.	10
11	75.0	29.225	.132	29.093	30.01	59.2	53.4	53	79	.402	71.0	54.8	N	4			0	1	ci	W	Clear		O.E.R.	11
12	77.0	29.176	.137	29.039	29.95	66.9	58.8	54	62	.417	76.9	59.6	E	1			0	2	ci cu	W	Pt Cloudy		O.E.R.	12
13	76.0	29.167	.134	29.033	29.94	66.4	62.1	60	79	.517	70.0	62.8	E	3			T	3	a cu	W	Pt Cloudy		O.E.R.	13
14	77.0	29.148	.137	29.011	29.92	67.4	66.2	66	94	.638	77.1	67.4	SW	9			.03	6	St cu	W	Sprinkling		O.E.R.	14
15	77.5	29.397	.139	29.258	30.19	58.4	52.4	47	67	.322	74.7	55.9	N	8			0	10	Nb	SW	Clear		O.E.R.	15
16	75.0	29.304	.132	29.172	30.09	60.2	54.4	50	69	.360	69.5	55.4	S	4			0	Few	a St	NW	Clear		O.E.R.	16
17	77.0	29.111	.136	28.975	29.89	63.1	59.9	58	83	.482	74.0	63.1	W	4			T	2	ci cu	W	Lt. Rain		O.E.R.	17
18	75.0	29.123	.131	28.992	29.91	61.2	58.7	57	86	.465	67.2	59.1	N	6			T	10	Nb	W	Pt Cloudy		O.E.R.	18
19	73.0	29.221	.126	29.095	30.02	59.8	57.0	55	85	.432	61.5	58.5	NW	1			T	3	a cu	W	Cloudy		O.E.R.	19
20	70.5	29.283	.120	29.163	30.08	56.7	53.5	51	82	.373	59.5	51.9	N	3			0	4	St cu	NW	Clear		O.E.R.	20
21	71.0	29.323	.121	29.202	30.12	57.7	54.9	53	84	.402	68.1	53.7	W	3			0	5	St	NW	Clear		O.E.R.	21
22	72.0	29.330	.124	29.206	30.13	60.6	55.1	51	71	.373	71.3	57.6	S	9			0	Few	St cu	W	Clear		O.E.R.	22
23	74.0	29.278	.129	29.149	30.06	63.7	59.8	57	80	.465	72.5	62.7	SW	5			T	3	Lt Smoke	S	Clear		O.E.R.	23
24	71.0	29.424	.122	29.302	30.24	50.1	47.9	46	86	.310	55.5	46.4	N	5			0	10	St	W	Cloudy		O.E.R.	24
25	71.0	29.465	.122	29.343	30.27	55.0	49.8	46	70	.310	65.8	50.3	NW	2			0	0	0	0	Clear		O.E.R.	25
26	71.0	29.523	.122	29.401	30.33	55.7	51.2	48	74	.334	67.5	52.4	NE	5			0	1	a St	NW	Clear		O.E.R.	26
27	71.5	29.456	.123	29.333	30.26	56.7	53.5	51	82	.373	65.8	53.4	NE	7			0	0	0	0	Clear		O.E.R.	27
28	72.0	29.361	.124	29.237	30.16	58.1	55.3	54	84	.417	69.0	57.0	E	2			0	6	St cu	E	Pt Cloudy		O.E.R.	28
29	70.5	29.238	.120	29.118	30.04	59.1	55.8	54	82	.417	69.7	55.7	SW	6			0	2	ci St	NW	Clear		O.E.R.	29
30	72.0	29.173	.124	29.049	29.97	60.2	60.0	60	99	.517	65.0	59.9	SW	5			.32	1	ci cu	NW	Cloudy		O.E.R.	30
31	73.5	29.307	.128	29.179	30.10	62.4	60.2	59	88	.499	74.0	58.1	E	4			0	10	St	SW	Clear		O.E.R.	31
Sums	(a)	(a)	(a)	903.572	932.00	1873.4	1745.9	1654	2416	12.927	(a)	(a)	(a)	152	(a)	(a)	0.92	102	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.146	30.065	60.4	56.3	53.4	77.9	.417	(a)	(a)	(c) N	4.9	(a)	(a)	(a)	3.3	U a cu L St cu	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	79.0	29.226	.142	29.084	29.99	67.5	57.0	50	52	.360	81.6	67.5	NW	15			0	Few	St	W	Clear			E.L.H.	1
2	75.0	29.313	.132	29.181	30.10	65.0	54.0	45	48	.298	68.8	52.1	SW	4			0	8	a St	NW	Cloudy			E.L.H.	2
3	77.0	29.210	.137	29.073	29.99	72.8	57.8	47	40	.322	76.2	59.4	SW	3			0	3 / 1	a cu / cu	W / SE	Pt Cloudy			E.L.H.	3
4	78.5	29.179	.141	29.038	29.96	74.2	60.0	50	43	.360	79.0	60.8	SW	6			0	Few	a St	W	Clear			E.L.H.	4
5	78.5	29.290	.141	29.149	30.07	73.0	57.8	47	39	.322	77.0	60.7	W	6			0	2	ci St	W	Clear			E.L.H.	5
6	79.5	29.112	.143	28.969	29.88	73.5	66.8	63	71	.575	87.8	64.7	SW	12	26	SW	T	Few / 3	ci St / cu Nb	W / W	Pt Cloudy			O.E.P.	6
7	82.0	29.071	.149	28.922	29.83	71.1	63.8	60	68	.517	91.2	68.7	N	15			T	7 / 3	cu / a Nb	W / W	Lt. Rain			O.E.P.	7
8	80.0	29.108	.144	28.964	29.87	71.0	65.0	62	73	.555	80.2	65.7	NW	12			.01	2 / 8	cu / Nb	NW / NW	Lt. Rain			E.L.H.	8
9	78.5	29.354	.141	29.213	30.13	70.0	53.8	45	40	.298	72.0	53.6	N	4			0	Few	a St	W	Clear			E.L.H.	9
10	77.0	29.252	.137	29.115	30.04	71.0	57.5	47	43	.322	74.2	59.1	E	2			0	Few	a St	SW	Clear			E.L.H.	10
11	78.5	29.142	.141	29.001	29.91	76.9	59.8	48	36	.334	80.6	59.2	NE	1			0	3	ci St	SW	Clear			E.L.H.	11
12	77.0	29.140	.137	29.003	29.91	70.0	63.5	60	70	.517	77.2	66.9	E	3			T	6 / 3	a cu / St cu	W / E	Cloudy			E.L.H.	12
13	80.0	29.120	.144	28.976	29.89	77.1	69.1	65	67	.616	83.1	66.4	SW	3			0	2 / 8	a cu / a St	W / W	Cloudy			E.L.H.	13
14	80.0	29.215	.145	29.070	29.98	74.7	68.3	65	72	.616	82.4	67.4	NE	5			T	Few	St cu	NE	Clear			O.E.P.	14
15	79.0	29.323	.142	29.181	30.10	69.5	57.5	48	48	.334	74.0	58.4	N	4			0	4 / 5	a St / ci St	NW / W	Pt Cloudy			E.L.H.	15
16	78.5	29.180	.141	29.039	29.96	74.0	60.0	50	44	.360	79.2	60.2	S	4			0	3 / 6	a cu / a St	W / SW	Cloudy			E.L.H.	16
17	76.0	29.100	.133	28.967	29.89	67.2	60.2	56	67	.448	70.6	61.3	SW	5			.06	4 / 8	St cu / a St	SW / W	Cloudy			E.L.H.	17
18	74.0	29.160	.129	29.031	29.95	61.5	57.3	54	78	.417	66.3	58.8	N	4			.04	2 / 5	St / a cu	NW / W	Cloudy			E.L.H.	18
19	72.0	29.234	.124	29.110	30.03	59.5	56.5	54	84	.417	64.6	59.5	W	4			.14	4 / 3	St / a cu	W / NW	Cloudy			E.L.H.	19
20	77.0	29.280	.137	29.143	30.06	68.1	59.0	53	59	.402	73.8	56.7	NW	3			0	2	St cu	NW	Pt Cloudy			E.L.H.	20
21	74.0	29.287	.129	29.158	30.08	71.3	59.1	51	48	.373	76.4	57.7	SW	3			0	1	St cu	SW	Clear			O.E.P.	21
22	76.0	29.260	.134	29.126	30.05	72.5	60.8	53	51	.402	79.2	60.6	SW	7			0	Few	a St	W	Clear			E.L.H.	22
23	73.0	29.350	.126	29.224	30.14	55.5	54.0	52	91	.387	66.7	55.5	N	6			.59	9	a St	N	Cloudy			E.L.H.	23
24	73.0	29.380	.127	29.253	30.18	65.8	54.6	45	48	.298	69.1	50.1	N	3			0	Few	a St	W	Clear			E.L.H.	24
25	73.0	29.436	.127	29.309	30.24	67.5	55.5	46	46	.310	71.8	55.0	NE	2			0	Few	a St	W	Clear			E.L.H.	25
26	74.0	29.461	.130	29.331	30.26	65.8	55.3	47	51	.322	73.1	55.7	NE	8			0	Few	a St	NW	Clear			E.L.H.	26
27	74.0	29.331	.129	29.202	30.12	69.0	59.0	52	55	.387	74.1	56.7	E	6			0	2	a St	W	Clear			E.L.H.	27
28	73.5	29.270	.128	29.142	30.06	69.7	59.4	52	54	.387	75.4	58.1	E	3			T	3 / 5	a cu / cu	NW / N	Cloudy			O.E.P.	28
29	73.0	29.158	.126	29.032	29.95	65.0	61.8	60	84	.517	73.0	59.1	S	7			T	6 / 4	a cu / St cu	W / S	Cloudy			E.L.H.	29
30	75.0	29.200	.132	29.068	29.99	74.0	63.8	58	57	.482	78.8	60.2	N	3			0	2 / 1	a cu / a cu	W / W	Clear	B 5:30a E 7:45a		E.L.H.	30
31	77.0	29.279	.137	29.142	30.05	73.0	63.2	57	59	.465	80.8	62.4	NE	7			0	Few	St	E	Clear			E.L.H.	31
Sums		(a)	(a)	902.216	930.66	2156.7	1753	1642	1786	12720	(a)	(a)	(a)	170	(a)	(a)	0.84	141	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.104	30.021	69.6	56.6	53.0	57.6	.410	(a)	(a)	(c) SW	5.5	(a)	(a)	(a)	4.5	U a.St L St cu	UW LW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1927.

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Monday 1	82	55	27	5	68																0				0	0	0	0	1
2	69	47	22	10	58																0				0	0	0	0	2
3	76	54	22	7	65																0				0	0	0	0	3
4	79	56	23	3	68																0				0	0	0	0	4
5	77	60	17	0	68				R	DNa	PNa										T				0	0	0	0	5
6	88	57	31	4	72				R	5:25p	6:30p										T				0	0	0	0	6
7	91	66	25	6	78				R	DNa	PNa	R	6:38p	DNp							.45				0	0	0	0	7
8	80	65	15	6	72				R	DNa	7:45a	R	6:48p	7:55p							.13				0	0	0	0	8
9	72	55	17	8	64																0				0	0	0	0	9
10	74	53	21	0	64																0				0	0	0	0	10
11	81	55	26	4	68																0				0	0	0	0	11
12	77	60	17	0	68				R	12:30p	3:30p										T				0	0	0	0	12
13	83	63	20	5	73				R	PNa	PNa	R	9:15p	Cont'd							T				0	0	0	0	13
14	82	66	16	1	74				R	Cont'd	8:15a										.03				0	0	0	0	14
15	74	56	18	9	65																0				0	0	0	0	15
16	79	55	24	2	67																0				0	0	0	0	16
17	71	61	10	1	66				R	DNa	10:50a										.06				0	0	0	0	17
18	66	59	7	4	62				R	PNa	PNa	R	7:55a	11:05a	R	1:25p	4:45p				.04				0	0	0	0	18
19	65	57	8	1	61				R	DNa	DNa	R	9:40a	11:10a	R	12:05p	12:20p	R	2:10p	3:55p	.14				0	0	0	0	19
20	74	52	22	2	63																0				0	0	0	0	20
21	76	54	22	2	65																0				0	0	0	0	21
22	79	58	21	3	68																0				0	0	0	0	22
23	67	53	14	8	60				R	DNa	DNa	R	6:50a	5:45p							.59				0	0	0	0	23
24	69	46	23	2	58																0				0	0	0	0	24
25	77	50	22	3	61																0				0	0	0	0	25
26	73	52	21	1	62																0				0	0	0	0	26
27	74	53	21	2	64																0				0	0	0	0	27
28	75	57	18	2	66				R	5:05p	5:17p										T				0	0	0	0	28
29	73	56	17	2	64				R	10:00a	10:05a	R	7:08p	7:30p	R	10:15p	Cont'd				.21				0	0	0	0	29
30	79	60	19	6	70				R	Cont'd	5:15a										.11				0	0	0	0	30
31	81	58	23	0	70																0				0	0	0	0	31
S	2358	1749	609	109	2052		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.76		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	76.1	56.4	19.6	3.5	66.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.146	29.104	29.125	29.410	26	28.870	7	0.540	30.065	30.021	30.043	30.34	26	29.76	7	0.58
Corrected mean		29.121						Corrected mean		30.039					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
60.4	69.6	65.0	56.3	56.6	56.4	76.1	56.4	66.2	91	7	46	24	45	31	6	7	18

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
53.4	53.0	53.2	77.9	57.6	67.8	.417	.410	.414	0	1	0	0

CLOUDS.

Most frequent clouds: Alto-Stratus

Most frequent direction upper clouds: W

Most frequent direction lower clouds: SW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
3996	5.4	N	26	SW	6	17	8	8	1	4	15	4	5	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.3	4.5	3.9	72	17	7	7	1	2	6

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	7, 29	0	23, 24, 29	0	30.	0	0	0	22	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.76	0.59	23	0			0			5	9	8	2	0	14	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.10, date 7"; 10 minutes 0.15, date 7"; 15 minutes 0.18, date 7"

30 minutes 0.31, date 7"; 1 hour 0.39, date 7"; 2 hours 0.42, date 7"

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
									None											

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell, E. L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Extremes of Pressure																			
						Lowest																			
7	6 00 p	5 00 p				28.870	29.76	87.0																	7
						Highest																			
26	9 30 a	8 30 a				29.410	30.34	63.0																	26

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1927.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90° meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	7	1									59	9	72	6	118	8			256	24
2	73	13	18	3							24	6	4	1	4	1			123	24
3	27	6	32	7	15	4					11	3	5	1	11	3			101	24
4					9	3			9	2	95	14	47	5					160	24
5	23	3											82	13	47	8			152	24
6							7	2	67	12	66	8	1	1			0	1	141	24
7	34	5			4	1			6	1	140	16			9	1			193	24
8	13	3	11	4	2	1	24	5					24	5	53	6			127	24
9	134	18	38	5	4	1													176	24
10	20	8	4	1	36	12	13	3											73	24
11	45	12			17	9									10	2	0	1	72	24
12	4	2			17	8	25	8	8	2	11	2	7	1			0	1	72	24
13					21	8			17	3	91	13							129	24
14	47	5	11	3	7	2					43	7	7	1	39	6			154	24
15	94	17	58	7															152	24
16							8	2	36	10	58	12							102	24
17							16	5	20	6	31	10	7	2			0	1	74	24
18	62	14	24	6							3	1	4	1	4	2			97	24
19	22	8	3	1					19	4			7	2	23	9			74	24
20	40	11	14	4									10	2	27	7			91	24
21	10	5									46	9	48	10					104	24
22									15	2	193	22							208	24
23	76	10							13	2	58	8	5	1	14	3			166	24
24	74	15													48	9			122	24
25	51	7	28	7											17	8	0	2	96	24
26	10	4	166	20															176	24
27	7	1	109	13	54	10													170	24
28	4	2	6	2	36	12	26	5	9	2	3	1							84	24
29					2	2			46	9	56	9	20	4					124	24
30	19	5			3	1			9	1	41	9	7	1	39	7			118	24
31	3	1	31	6	66	13									9	4			109	24
SUM,	899	176	553	89	293	87	119	30	274	56	1029	159	357	57	472	84	0	6	3996	744
PERCENTAGE,	22	24	14	12	7	12	3	4	7	7	26	21	9	8	12	11	0	1	a	a
AVG. HOURLY VELOCITY,	5.1	a	6.2	a	3.4	a	4.0	a	4.9	a	6.5	a	6.3	a	5.6	a	0	a	5.4	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, 1927.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, 14577 on and after Sept. 10, 1927.

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, room 911-12 Tri State Bldg; first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	75.0	29.332	.132	29.200	30.12	62.8	58.3	56	77	.448	73.0	57.2	E	2			0	7	a cu	W	Pt Cloudy		E.L.H.	1
2	75.0	29.269	.132	29.137	30.05	64.4	57.4	52	66	.387	75.6	60.8	S	2			0	1	ci st	W	Clear		E.L.H.	2
3	77.0	29.282	.137	29.145	30.05	65.8	60.3	57	73	.465	77.7	63.6	S	8			0	3	ci st	W	Clear		E.L.H.	3
4	80.0	29.501	.146	29.355	30.28	62.8	58.8	56	79	.448	78.1	59.8	NE	9			0	3	ci st	W	Clear		E.L.H.	4
5	79.0	29.523	.143	29.380	30.31	55.0	54.0	53	94	.402	72.0	54.2	NE	8			0	3	cu	E	Clear		E.L.H.	5
6	77.0	29.371	.137	29.234	30.15	58.8	55.3	53	81	.402	75.1	54.2	E	3			0	Few	a st	W	Clear		E.L.H.	6
7	80.0	29.245	.145	29.100	30.01	70.7	61.2	55	58	.432	80.7	68.8	SW	7			0	2 3 4	a cu a cu st cu	W W SW	Cloudy		E.L.H.	7
8	79.0	29.320	.142	29.178	30.10	68.5	65.5	64	86	.595	75.8	65.7	S	4			0	3 4	cu st cu	SW SW	Pt Cloudy		E.L.H.	8
9	80.5	29.300	.146	29.154	30.07	67.2	66.1	65	94	.616	76.6	66.2	E	2			0	10 6	st Lt. Fog	W	Cloudy		E.L.H.	9
10	80.0	29.190	.145	29.045	29.95	69.4	68.9	68	97	.684	75.1	68.2	SW	5			.02	10	Nb	SW	Lt Rain		E.L.H.	10
11	80.0	29.064	.144	28.920	29.83	64.8	62.3	61	87	.536	76.2	62.0	N	4			0	1	ci	NW	Clear		E.L.H.	11
12	80.0	29.130	.145	28.985	29.89	66.2	64.0	63	89	.575	76.7	64.2	S	4			0	0	0	0	Clear		E.L.H.	12
13	78.0	29.124	.139	28.985	29.88	71.0	67.0	65	82	.616	79.3	69.7	SW	6			0	1 1	a cu cu	W SW	Clear		E.L.H.	13
14	85.0	29.156	.158	28.998	29.89	73.8	68.3	66	76	.638	84.7	71.0	SW	2			0	0	0	0	Clear		E.L.H.	14
15	79.5	29.243	.143	29.100	30.01	71.1	67.1	65	82	.616	83.3	68.7	SW	7			0	0	0	0	Clear		O.E.P.	15
16	86.5	29.300	.162	29.138	30.05	67.8	61.8	58	72	.482	85.6	65.8	NE	7			0	Few	a st	NW	Clear		E.L.H.	16
17	84.0	29.180	.155	29.025	29.92	69.0	63.5	60	74	.517	82.2	67.2	SW	2			0	2 1	a cu cu	W SW	Clear		E.L.H.	17
18	84.0	28.930	.154	28.776	29.67	70.0	69.0	69	95	.707	84.1	67.2	SW	8			.35	3 2	ci a cu cu	W W SW	Pt. Cloudy		E.L.H.	18
19	71.0	29.151	.121	29.030	29.96	50.0	45.8	42	73	.266	63.2	46.8	SW	6			0	0	0	0	Clear		E.L.H.	19
20	71.0	29.040	.120	28.920	29.84	51.5	48.3	45	80	.298	59.1	50.5	W	10			T	4 6	cu Nb	W W	Lt. Rain		E.L.H.	20
21	66.0	29.230	.108	29.122	30.06	41.2	39.4	38	86	.228	48.8	38.8	SW	7			0	Few	cu	SW	Clear		E.L.H.	21
22	67.0	29.329	.111	29.218	30.15	45.5	44.0	42	89	.266	54.4	43.2	SW	4			0	6 3	a cu cu	W SW	Cloudy		E.L.H.	22
23	67.0	29.369	.111	29.258	30.20	49.2	46.7	44	83	.287	52.7	47.1	SW	3			.01	3 3	cu cu	SW W	Clear		E.L.H.	23
24	69.0	29.390	.117	29.273	30.20	55.4	52.2	50	81	.360	62.7	54.0	SW	8			T	5	st cu	W	Cloudy		E.L.H.	24
25	71.0	29.376	.122	29.254	30.18	58.6	52.0	46	64	.310	68.5	57.2	S	10			0	5	a st	W	Pt Cloudy		E.L.H.	25
26	71.0	29.366	.121	29.245	30.17	58.9	51.8	46	62	.310	71.9	58.8	S	8			0	4 4	a cu st cu	W S	Cloudy		E.L.H.	26
27	73.0	29.380	.127	29.253	30.18	63.8	58.8	56	75	.448	72.8	63.0	S	6			0	10	st cu	S	Cloudy		E.L.H.	27
28	74.0	29.130	.129	29.001	29.91	66.0	65.0	64	95	.595	73.6	64.0	S	10			.36	10	Nb	S	Lt. Rain		E.L.H.	28
29	72.5	29.090	.124	28.966	29.89	63.2	62.0	61	94	.536	63.2	53.8	SE	8			T	10	st	S	Cloudy		E.L.H.	29
30	72.0	29.012	.123	28.889	29.80	66.0	62.2	60	81	.517	70.4	64.8	SW	16			.17	1 1	a st cu	W SW	Clear		E.L.H.	30
31																								31
Sums		(a)	(a)	873.284	900.77	1868.4	1757.0	1680	2425	13.887	(a)	(a)	(a)	186	(a)	(a)	0.91	140	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.109	30.026	62.3	58.6	56.0	80.8	.466	(a)	(a)	(c) SW	6.2	(a)	(a)	(a)	4.7	U a.cu L cu	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.5	29.252	.138	29.114	30.02	75.6	62.1	54	47	.417	81.1	62.8	SE	5			0	4	stcu	SE	Pt Cloudy			O.E.R.	1
2	80.5	29.226	.146	29.080	29.99	77.7	62.4	53	42	.402	83.4	64.4	S	2			0	1	ci	W	Clear			O.E.R.	2
3	81.5	29.331	.149	29.182	30.10	78.1	64.2	56	46	.448	88.1	65.8	NW	9			0	Few / Few	ci / acu	NW / NW	Clear			O.E.R.	3
4	80.0	29.460	.146	29.314	30.24	72.0	59.0	50	46	.360	80.8	62.8	E	9			0	Few	ast	NW	Clear			E.L.H.	4
5	80.0	29.394	.146	29.248	30.18	75.1	57.2	43	32	.277	82.0	55.0	E	6			0	Few	ast	W	Clear	B 5:30a E 6:30a		E.L.H.	5
6	80.5	29.241	.146	29.095	30.01	80.7	65.1	56	43	.448	87.5	58.8	SE	6			0	1	cist	W	Clear			O.E.R.	6
7	80.5	29.219	.146	29.073	29.98	75.8	71.1	69	79	.707	80.6	69.3	S	6			.10	1 / 7	acu / stcu	W / SW	Cloudy			O.E.R.	7
8	81.5	29.291	.149	29.142	30.05	76.6	71.4	69	78	.707	83.6	68.5	E	3			T	3 / 4	acu / cu	W / NW	Pt Cloudy			O.E.R.	8
9	81.5	29.227	.149	29.078	29.99	75.1	71.8	70	85	.732	85.2	67.2	SW	4			.02	5	cu	W	Pt Cloudy	B DNa E 8:30a		O.E.R.	9
10	81.5	28.997	.148	28.849	29.74	76.2	71.8	70	81	.732	83.5	69.4	N	6			.75	4	stcu	NW	Pt Cloudy			O.E.R.	10
11	81.5	29.059	.148	28.911	29.82	76.7	66.7	62	60	.555	82.0	64.8	NE	2			0	3	cu	NE?	Clear			E.L.H.	11
12	82.5	29.065	.150	28.915	29.82	79.3	70.7	67	66	.661	85.9	66.2	S	9			0	3	cist	W	Clear			O.E.R.	12
13	86.5	29.060	.161	28.899	29.79	84.7	73.5	68	59	.684	91.8	71.0	NW	4			0	0	0	0	Clear			O.E.R.	13
14	88.5	29.154	.167	28.987	29.88	83.3	71.2	65	55	.616	93.9	73.8	SW	7			0	0	0	0	Clear			O.E.R.	14
15	89.5	29.237	.169	29.068	29.97	85.6	74.4	70	59	.732	95.0	71.1	NW	6			0	2	cu	NW	Clear			O.E.R.	15
16	87.0	29.218	.163	29.055	29.97	82.2	66.2	57	43	.465	90.0	67.8	SW	1			0	2	acu	W	Clear			O.E.R.	16
17	87.5	29.071	.163	28.908	29.81	84.1	69.6	62	49	.555	90.4	69.0	SW	1			0	2	ast	W	Clear			O.E.R.	17
18	79.0	29.041	.141	28.900	29.81	63.2	54.2	47	56	.322	75.2	63.2	NW	10			0	Few / Few	ci / cu	W / NW	Clear			E.L.H.	18
19	73.5	29.098	.127	28.971	29.90	59.1	47.2	34	40	.195	66.1	50.0	W	7			0	Few	cist	SW	Clear			O.E.R.	19
20	70.5	29.167	.120	29.047	29.98	48.8	42.6	35	60	.203	57.0	47.1	W	8	26	W	T	Few	stcu	W	Clear			O.E.R.	20
21	68.5	29.284	.115	29.169	30.10	54.4	46.2	38	53	.228	60.2	41.2	SW	5			0	8 / 6	acu / acu	W / NW	Cloudy			O.E.R.	21
22	68.0	29.323	.113	29.210	30.14	52.7	46.9	41	65	.256	61.0	45.5	W	7			0	2	stcu	NW	Cloudy			O.E.R.	22
23	69.5	29.370	.117	29.253	30.19	62.7	53.9	47	56	.322	67.1	49.2	NW	1			0	4	stcu	W	Pt Cloudy			O.E.R.	23
24	72.0	29.329	.124	29.205	30.12	68.5	56.0	46	45	.310	75.2	55.4	S	7			0	Few	stcu	W	Clear			E.L.H.	24
25	72.0	29.320	.124	29.196	30.12	71.9	57.9	48	42	.334	79.2	58.6	W	2			0	10	ast	W	Cloudy			E.L.H.	25
26	73.0	29.335	.126	29.209	30.13	72.8	58.3	48	41	.334	79.0	58.9	S	5			T	8	stcu	SW	Cloudy			O.E.R.	26
27	74.0	29.324	.129	29.195	30.12	73.6	65.2	61	64	.536	76.8	63.8	S	2			.04	10	stcu	S	Cloudy			O.E.R.	27
28	73.5	29.080	.127	28.953	29.87	60.1	56.8	54	82	.417	68.3	60.1	SW	12			.41	2	stcu	SW	Cloud			O.E.R.	28
29	73.0	28.867	.124	28.743	29.64	66.6	65.3	65	93	.616	70.0	63.2	SE	16	30	S	.87	10	Nb	SE	Lt Rain			O.E.R.	29
30	73.5	29.216	.128	29.088	30.00	73.4	61.4	53	50	.402	79.8	66.0	SW	1	28	SW	0	10	St	SW	Cloudy			O.E.R.	30
31																									31
Sums		(a)	(a)	872.057	899.48	2166	1860.3	1658	1717	13.973	(a)	(a)	(a)	169	(a)	(a)	2.19	112	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	29.069	29.983	72.2	62.0	55.3	57.2	.466	(a)	(a)	(c) SW	5.6	(a)	(a)	(a)	3.7	U Cu L St Cu	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1927.

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Thursday 1	81	57	24	1	69																0				0	0	0	0	1
2	83	61	22	3	72																0				0	0	0	0	2
3	88	64	24	4	76																0				0	0	0	0	3
4	81	60	21	6	70																0				0	0	0	0	4
5	82	54	28	2	68																0				0	0	0	0	5
6	88	54	34	3	71																0				0	0	0	0	6
7	81	69	12	4	75				R	8:18a	10:30a	R	12:45p	1:05p							.10				0	0	0	0	7
8	84	66	18	0	75				R	2:40p	3:00p										T				0	0	0	0	8
9	85	66	19	1	76				R	1:25p	1:30p	R	4:12p	5:15p							.02				0	0	0	0	9
10	84	68	16	0	76				R	5:00a	9:50a										.77				0	0	0	0	10
11	82	62	20	4	72																0				0	0	0	0	11
12	86	64	22	3	75																0				0	0	0	0	12
13	92	70	22	6	81																0				0	0	0	0	13
14	94	71	23	1	82																0				0	0	0	0	14
15	95	69	26	0	82																0				0	0	0	0	15
16	90	66	24	4	78																0				0	0	0	0	16
17	90	67	23	0	78																0				0	0	0	0	17
18	75	55	20	13	65				R	DNa	DNa										.35				0	0	0	0	18
19	66	47	19	9	56																0				0	0	0	0	19
20	57	42	15	6	50				R	6:26a	7:40a										T				0	0	0	0	20
21	60	39	21	0	50																0				0	0	0	0	21
22	61	43	18	2	52																0				0	0	0	0	22
23	67	47	20	5	57				R	DNa	DNa	R	7:55p	8:05a							.01				0	0	0	0	23
24	75	54	21	7	64				R	DNa	DNa										T				0	0	0	0	24
25	79	57	22	4	68																0				0	0	0	0	25
26	79	59	20	1	69				R	12:05p	12:08p										T				0	0	0	0	26
27	77	63	14	1	70				R	7:40a	11:10a	R	12:20p	12:25p	R	9:18p	DNp				.11				0	0	0	0	27
28	68	54	14	9	61				R	DNa	4:20p										.70				0	0	0	0	28
29	70	54	16	1	62				R	DNa	DNa	R	6:50a	6:53a	R	9:50a	12:45p	R	3:12p	Cont'd	1.04				0	0	0	0	29
30	80	66	14	11	73				R	Cont'd	DNa	R	7:50p	8:25p	R	9:35p	10:20p	R	DNp	DNp	.02				0	0	0	0	30
31																													31
S	2380	1768	612	111	2073		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.12		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	79.3	58.9	20.4	3.7	69.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -0.05)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.109	29.069	29.089	29.380	5	28.700	29	0.680	30.026	29.983	30.004	30.31	5	29.60	29	0.71
Corrected mean		29.084						Corrected mean		29.999					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
62.3	72.2	67.2	58.6	62.0	60.3	79.3	58.9	69.1	95	15	39	21	56	34	6	12	7

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
56.0	55.3	55.6	80.8	57.2	69.0	.466	.466	.466	0	5	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5617	7.8	SW	30	S	29	2	4	6	4	14	20	5	5	

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.7	3.7	3.6	78	17	9	4	2	3	4

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
21	0	0	8, 10, 18, 29, 30	0	12, 19, 30	0	5, 9	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.12	1.04	29	0			0			4	9	6	4	1	13	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.20, date 10"; 10 minutes 0.28, date 10"; 15 minutes 0.30, date 10"

30 minutes 0.41, date 10"; 1 hour 0.54, date 10"; 2 hours 0.69, date 10"

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

E. L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
29"	2 00 pm	1 00 pm	73.5	28.966	.127	28.839	29.74	66.5	65.0	64	2.5	92	70.0	S	14	30	S	.19	6 4	S+cu St	S S	Cloudy		E.L.H.	29"
							Lowest Pressure																		
29"	9 30 pm	8 30 pm				28.700	29.60	69.0																	29"

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1927.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90" meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1			16	5	26	7	37	8	22	4									101	24
2							23	4	110	19	7	1							140	24
3	16	2							44	7	50	5	40	3	64	7			214	24
4	19	2	163	16	38	6													220	24
5			74	11	78	13													152	24
6			18	4	15	5	62	12	17	3									112	24
7									87	12	97	11	4	1					188	24
8			11	3	16	5	7	2	28	8	26	4	13	2					101	24
9	9	3	18	6	19	5	3	1			21	6	3	1	8	2			81	24
10	46	8							32	3	76	11	18	2					172	24
11	55	11	8	3	5	1	5	1							63	8			136	24
12							18	5	89	11	65	8							172	24
13											88	10	90	9	22	5			200	24
14											85	14	44	9			0	1	129	24
15											56	8	111	10	31	6			198	24
16	24	5	27	6	4	1	10	3	1	1	14	5	5	1	8	2			93	24
17	9	2					31	5	31	7	11	3	33	5	11	2			126	24
18					3	1	5	1	27	3	17	2	166	11	65	6			283	24
19									14	2	74	10	148	12					236	24
20									43	4	67	7	185	13					295	24
21											107	16	71	8					178	24
22											74	12	134	12					208	24
23	1	1							7	3	39	9	37	5	23	6			107	24
24							14	3	108	12	119	9							241	24
25									142	14	112	9	3	1					257	24
26									163	22	17	2							180	24
27							12	2	103	19	20	3							135	24
28							23	3	171	13	93	8							287	24
29							40	3	239	19	23	2							302	24
30									86	6	287	18							373	24
31																				
SUM,	179	34	335	54	204	44	290	53	1564	192	1645	193	1105	105	295	44	0	1	5617	720
PERCENTAGE,	3	5	6	7	4	6	5	7	28	27	29	27	20	15	5	6	0	0	a	a
AVG. HOURLY VELOCITY,	5.3	a	6.2	a	4.6	a	5.5	a	8.1	a	8.5	a	10.5	a	6.7	a	0	a	7.8	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, 1927

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911. 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, room 911-12 Pub. State Bldg first observation taken in present office, 7:00 a m. May 20, 19 11.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1927.

Number of Station barometer, 6.56; sum of corrections, -0.09 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.5	29.277	.128	29.149	30.06	68.7	67.0	66	92	.638	73.4	67.9	SW	1			.08	10	Nb	SW	Lt. Rain		O.E.R.	1
2	74.0	29.232	.129	29.103	30.01	69.1	64.8	62	80	.555	71.0	67.1	S	12			T	1	ci St	SW	Clear		O.E.R.	2
3	75.0	29.107	.131	28.976	29.89	62.0	61.0	60	94	.557	74.4	61.5	SW	6			.05	10	St	SW	Cloudy		O.E.R.	3
4	69.0	29.233	.116	29.117	30.05	51.2	48.9	47	85	.322	62.2	48.9	SW	10	25	SW	.06	4	St cu	W	Pt Cloudy		O.E.R.	4
5	71.5	29.396	.123	29.273	30.21	52.2	47.5	43	71	.277	59.6	49.6	S	5			0	1	a cu	W	Clear		O.E.R.	5
6	72.5	29.325	.125	29.200	30.12	57.1	50.8	46	65	.310	66.5	54.2	S	8			0	2	ci	W	Clear		O.E.R.	6
7	74.0	29.181	.129	29.052	29.96	64.0	63.0	62	95	.555	73.7	64.0	SW	12	25	SW	T	10	Nb	SW	Misting		O.E.R.	7
8	70.0	29.407	.119	29.288	30.23	45.4	41.9	38	75	.228	52.0	45.4	N	5			0	3	St cu	N	Clear		O.E.R.	8
9	70.0	29.208	.118	29.090	30.02	44.1	41.1	38	78	.228	55.8	41.8	S	6			0	1 Few	ci St a cu	NW NW	Clear		O.E.R.	9
10	70.5	29.313	.120	29.193	30.12	41.3	40.5	40	94	.247	51.8	39.7	NE	5			0	Few	a cu	W	Clear		O.E.R.	10
11	70.5	29.147	.120	29.027	29.96	50.1	45.6	41	71	.256	55.8	47.2	SE	6			0	0	0	0	Clear		O.E.R.	11
12	70.5	28.700	.118	28.582	29.48	57.9	56.6	56	92	.448	69.0	57.0	S	12			.87	10	St	SW	Cloudy		O.E.R.	12
13	70.5	28.991	.119	28.872	29.80	43.0	41.4	40	87	.247	46.5	40.2	SW	13			.08	10	Nb	SW	Lt. Rain		O.E.R.	13
14	67.5	29.458	.113	29.345	30.29	43.6	40.3	36	76	.211	44.0	42.6	SW	6			0	8	St cu	W	Cloudy		O.E.R.	14
15	68.5	29.526	.115	29.411	30.36	40.1	37.2	33	77	.187	46.0	38.2	S	8			0	Few	ci St	SW	Clear		O.E.R.	15
16	69.0	29.406	.117	29.289	30.23	46.1	43.2	40	80	.247	56.8	46.1	N	9			0	3 1	ci St a cu	W NW	Pt Cloudy		O.E.R.	16
17	68.0	29.395	.114	29.281	30.22	37.6	34.2	29	71	.157	50.7	36.1	N	9			0	4	St cu	N	Pt Cloudy		O.E.R.	17
18	69.0	29.383	.117	29.266	30.22	37.7	36.4	34	89	.195	45.5	36.3	NW	10			0	Few	St cu	N	Clear		O.E.R.	18
19	71.0	29.126	.121	29.005	29.94	36.7	35.2	33	87	.187	44.0	35.4	NW	6			0	1	St cu	NW	Clear		O.E.R.	19
20	70.0	28.993	.118	28.875	29.81	44.8	43.3	42	89	.266	52.8	44.8	NW	7			0	0	0	0	Clear		O.E.R.	20
21	71.0	29.102	.120	28.982	29.91	45.9	41.6	36	70	.211	62.8	45.5	W	7			0	Few	ci St	NW	Clear		O.E.R.	21
22	71.0	28.957	.120	28.837	29.76	50.1	44.1	37	62	.219	51.9	44.8	SW	13			0	0	0	0	Clear		O.E.R.	22
23	72.5	28.926	.124	28.802	29.71	54.8	51.2	49	78	.347	67.0	54.8	SW	9			0	3	a St	W	Clear		O.E.R.	23
24	71.5	29.215	.122	29.093	30.02	42.1	41.7	41	97	.256	59.8	41.8	S	5			0	3 5	ci St Lt. Fog	W S	Clear		O.E.R.	24
25	72.5	29.411	.126	29.285	30.22	44.4	43.4	42	93	.266	64.2	43.5	E	6			0	2	ci St	NW	Clear		O.E.R.	25
26	73.0	29.394	.127	29.267	30.20	53.0	45.0	36	53	.211	65.0	51.8	SW	4			0	0	0	0	Clear		E.L.H.	26
27	73.5	29.408	.129	29.279	30.21	53.9	47.1	40	60	.247	67.8	52.2	SW	5			0	0	0	0	Clear		C.J.	27
28	73.5	29.269	.128	29.141	30.06	56.9	49.9	44	61	.287	69.6	54.9	SW	12			0	0	0	0	Clear		C.J.	28
29	75.5	29.264	.133	29.131	30.05	52.1	51.9	52	99	.387	72.8	51.6	E	10			T	10	St	E	Cloudy		C.J.	29
30	73.0	29.320	.126	29.194	30.12	49.0	48.5	48	96	.334	55.0	49.0	E	4			0	10	Dense Fog	E	Fog ~~Cloudy~~		E.L.H.	30
31	73.0	29.241	.126	29.115	30.04	57.9	49.9	43	57	.277	69.7	56.6	E	7			0	5	ci cu	SW	Pt. Cloudy		C.J.	31
Sums		(a)	(a)	902.547	931.28	1552.8	1454.2	1354	2474	9.360	(a)	(a)	(a)	238	(a)	(a)	1.14	102	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.114	30.041	50.1	46.9	43.7	79.8	.302	(a)	(a)	(c) SW	7.7	(a)	(a)	(a)	3.3	U ci St L St cu	UW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds.

L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	75.0	29.300	.132	29.168	30.09	71.0	67.5	66	84	.638	75.0	68.7	S	10			.61	10	stcu	S	Cloudy			E.L.H.	1
2	77.5	29.081	.137	28.944	29.85	74.4	65.3	60	62	.557	83.0	69.1	S	8	28	S	0	Few	cist	SW	Clear			C.E.P.	2
3	75.0	29.036	.131	28.905	29.82	62.2	55.7	51	66	.373	70.2	59.8	SW	7			T	Few	ast	SW	Clear			E.L.H.	3
4	73.0	29.316	.126	29.190	30.12	59.6	51.5	44	58	.287	65.4	51.2	SW	4			0	0	0	0	Clear			E.L.H.	4
5	74.5	29.269	.130	29.139	30.06	66.5	55.5	47	50	.322	73.6	52.2	S	9			0	0	0	0	Clear			E.L.H.	5
6	74.0	29.182	.129	29.053	29.97	73.0	63.0	57	58	.465	79.3	57.1	S	8			T	5	acu	W	Cloudy			E.L.H.	6
7	72.0	29.320	.124	29.196	30.12	52.0	47.5	43	72	.277	64.0	52.0	NW	12			.01	3	cu	S	Clear			E.L.H.	7
8	73.0	29.300	.126	29.174	30.10	55.8	48.3	41	58	.256	59.4	45.4	E	2			0	2	st	NW	Clear			E.L.H.	8
9	69.5	29.193	.117	29.076	30.01	51.8	48.2	45	77	.298	63.1	44.1	NW	8			0	Few	ast	N	Clear			E.L.H.	9
10	70.5	29.210	.120	29.090	30.02	55.8	47.0	38	51	.228	61.0	41.3	SE	3			0	Few	stcu	NW	Clear			C.E.P.	10
11	71.5	28.940	.121	28.819	29.73	69.0	59.0	52	55	.387	74.2	50.1	SE	8			0	0	0	0	Clear			E.L.H.	11
12	72.0	28.866	.122	28.744	29.66	46.5	45.2	44	91	.287	57.9	45.8	SW	12	26	W	.12	4	acu	SW	Pt Cloudy			E.L.H.	12
13	70.0	29.238	.118	29.120	30.06	43.8	41.3	39	82	.237	46.0	43.0	S	8			T	2	st	SW	Clear			E.L.H.	13
14	69.5	29.530	.118	29.412	30.36	46.0	41.8	37	71	.219	51.0	43.6	SW	6			0	10	stcu	SW	Cloudy			E.L.H.	14
15	69.0	29.316	.116	29.200	30.13	56.8	49.8	44	61	.287	64.0	40.1	SW	9			0	0	0	0	Clear			E.L.H.	15
16	69.5	29.394	.118	29.276	30.22	50.7	44.3	37	60	.219	57.4	45.8	NW	8			0	Few	cist	SW	Clear			E.L.H.	16
17	71.0	29.400	.122	29.278	30.23	45.5	40.5	34	65	.195	48.2	37.6	N	7			T	4	stcu	NW	Pt Cloudy			C.E.P.	17
18	71.0	29.280	.121	29.159	30.10	44.0	40.0	35	71	.203	48.4	37.7	NW	6			0	8	stcu	N	Cloudy			E.L.H.	18
19	72.0	29.000	.123	28.877	29.81	52.8	46.3	40	61	.247	61.4	36.7	NW	12			0	Few	stcu	N	Clear			E.L.H.	19
20	74.0	28.926	.128	28.798	29.71	62.8	53.6	46	55	.310	70.5	44.8	W	9			0	0	0	0	Clear			E.L.H.	20
21	74.0	29.100	.128	28.972	29.90	51.9	42.9	32	46	.180	59.0	45.9	W	4			0	0	0	0	Clear			E.L.H.	21
22	75.0	28.900	.130	28.770	29.68	67.0	55.5	46	48	.310	78.0	50.1	SW	11			0	Few	cist	NW	Clear			E.L.H.	22
23	73.0	29.103	.125	28.978	29.91	59.8	53.3	48	65	.334	68.9	54.8	NW	6			0	0	0	0	Clear			C.E.P.	23
24	74.5	29.258	.130	29.128	30.06	64.2	56.2	50	61	.360	72.6	42.1	NW	3			0	0	0	0	Clear	D.N.A. E7:30A		E.L.H.	24
25	75.5	29.374	.133	29.241	30.17	65.0	50.8	37	35	.219	71.0	44.4	SE	4			0	3	cist	W	Clear			E.L.H.	25
26	75.0	29.367	.132	29.235	30.16	67.8	55.7	46	47	.310	78.0	53.0	SW	2			0	0	0	0	Clear			E.L.H.	26
27	75.5	29.319	.133	29.186	30.11	69.6	55.1	43	39	.277	80.0	53.9	S	10			0	0	0	0	Clear			E.L.H.	27
28	77.0	29.208	.137	29.071	29.99	72.8	61.1	53	51	.402	82.7	56.9	SW	1			0	Few	ci	W	Clear			E.L.H.	28
29	75.5	29.304	.133	29.171	30.10	55.0	54.0	53	94	.402	60.0	52.1	E	12			0	6	ast	W	Pt. Cloudy			E.L.H.	29
30	73.5	29.189	.127	29.062	29.98	64.7	59.1	52	53	.387	69.7	49.0	SE	9			0	10	stcu	E	Cloudy	B8:30A E10:30A	B6:30A E8:30A	C.E.P.	30
31	74.0	29.224	.129	29.095	30.02	65.5	57.0	51	60	.373	71.2	57.9	SE	4			0	0	0	0	Clear			E.L.H.	31
Sums	--	(a)	(a)	901.527	930.25	1848.3	1620	1411	1907	9.846	(a)	(a)	(a)	222	(a)	(a)	0.74	83	(a)	(a)	(a)	2	1	(a)	(a)
Means	------	(a)	(a)	29.082	30.008	59.6	52.0	45.5	61.5	.318	(a)	(a)	(c) SW	7.2	(a)	(a)	(a)	2.7	UCist LStCu	UW-SW LNW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1927

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p.m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	75	68	7	1	72				R	7:05p	7:25p														0	0	0	0	1
									R	DNa	7:55a	R	9:22a	12:50p	R	1:42p	11:50p	R	5:00p	5:15p	.67				0	0	0	0	
2	83	67	16	3	75				R	DNa	DNa										T				0	0	0	0	2
3	70	53	17	13	62				R	DNa	6:15a	R	9:10a	9:55a	R	10:05p	DNp				.11				0	0	0	0	3
4	65	49	16	5	57																0				0	0	0	0	4
5	74	50	24	5	62																0				0	0	0	0	5
6	79	54	25	4	66				R	12:00 noon	12:03p	R	12:50p	1:00p							T				0	0	0	0	6
7	74	48	26	5	61				R	DNa	DNa	R	6:15a	8:10a							.01				0	0	0	0	7
8	59	45	14	9	52																0				0	0	0	0	8
9	63	42	21	0	52																0				0	0	0	0	9
10	61	40	21	2	50																0				0	0	0	0	10
11	74	47	27	10	60				R	7:00p	7:10p	R	8:08p	Cont'd							.20				0	0	0	0	11
12	68	45	23	4	56				R	Cont'd	5:15a	R	6:50a	8:55a	R	11:10a	12:15p	R	4:20p	5:35p	.79				0	0	0	0	12
13	46	40	6	13	43				R	DNa	DNa	R	6:15a	7:15a	R	2:16p	6:10p				.08				0	0	0	0	13
14	51	41	10	3	46																0				0	0	0	0	14
15	64	38	26	5	51																0				0	0	0	0	15
16	57	43	14	1	50																0				0	0	0	0	16
17	48	36	12	8	42				R	3:48p	4:06p										T				0	0	0	0	17
18	48	36	12	0	42																0				0	0	0	0	18
19	61	35	26	6	48																0				0	0	0	0	19
20	70	45	25	10	58																0				0	0	0	0	20
21	59	46	13	6	52																0				0	0	0	0	21
22	78	45	33	10	62																0				0	0	0	0	22
23	69	52	17	2	60																0				0	0	0	0	23
24	73	42	31	2	58																0				0	0	0	0	24
25	71	44	27	0	58																0				0	0	0	0	25
26	78	52	26	7	65																0				0	0	0	0	26
27	80	52	28	1	66																0				0	0	0	0	27
28	83	55	28	3	69				R	11:30p	DNp										T				0	0	0	0	28
29	66	52	14 ~~8~~	10	59 ~~62~~																0				0	0	0	0	29
30	79	49	30	5 ~~2~~	64																0				0	0	0	0	30
31	71	57	14	0	64				R	11:30p	DNp										T				0	0	0	0	31
S	2097	1468	629	153	1782		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.86		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	67.6	47.4	20.3	4.9	57.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF October, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.114	29.082	29.098	29.420	15	28.582	12	0.838	30.041	30.008	30.024	30.37	15	29.48	12	0.89
Corrected mean		29.092						Corrected mean		30.018					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
50.1	59.6	54.8	46.9	52.0	49.4	67.6	47.4	57.5	83	2	35	19	48	33	22	6	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
43.7	45.5	44.6	79.8	61.5	70.6	.302	.318	.310	0	0	0	0

Clouds.
Most frequent clouds: Strato-cumulus
Most frequent direction upper clouds: West
Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6449	8.7	SW	28	S	2	4	1	6	6	13	19	3	10	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.3	2.7	3.7	69	19	5	7	1	1	4

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
9,10,17	15,	18,	1, 3, 12,	0	16, 24, 5, 6, 11,	6,	24, 30	30,	23,	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.86	0.99	1/+12	0			0			5	6	5	2	0	11	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.11, date 1; 10 minutes 0.18, date 1; 15 minutes 0.23, date 1st.

30 minutes 0.29, date 12; 1 hour 0.35, date 12; 2 hours 0.46, date 12

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

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Prepared by C. J. Saltsman, E. L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1927,

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
15	7 00 am	6 00 am				29.420	30.37	38.0																	15

Highest Pressure.

SPECIAL OBSERVATIONS.

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1927

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90" meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1							20	4	129	15	45	5							194	24
2							41	5	259	18			10	1					310	24
3	3	1									133	18	39	5					175	24
4									20	3	160	17	44	4					224	24
5									198	21	25	3							223	24
6									205	20	43	4							248	24
7	23	3									90	7	13	1	147	13			273	24
8	51	11	21	4	3	2	5	4							16	3			96	24
9									33	7	62	7	21	2	52	8			168	24
10	4	1	17	4	34	6	61	11							7	2			123	24
11							83	11	156	13									239	24
12									64	6	130	10	106	8					300	24
13											111	10	153	14					264	24
14									26	4	70	12	63	8					159	24
15									221	19	33	4	6	1					260	24
16	134	13											5	1	84	10			223	24
17	209	24																	209	24
18	167	17													48	7			215	24
19													35	3	236	21			271	24
20											10	1	148	13	80	10			238	24
21											38	5	128	11	73	8			239	24
22									12	1	275	23							287	24
23											68	8	35	4	79	12			182	24
24	15	3	18	2					7	1	28	4	45	5	28	9			141	24
25			5	1	59	10	44	11	10	2									118	24
26									26	5	83	16	11	3					120	24
27									41	5	139	19							180	24
28							6	2	8	2	177	20							191	24
29			55	7	139	17													194	24
30					69	12	34	5	65	7									168	24
31							12	3	160	17	45	4							217	24
SUM,	606	73	116	18	304	47	306	56	1640	166	1765	197	862	84	850	103	0	0	6449	744
PERCENTAGE,	9	10	2	2	5	6	5	8	26	22	27	27	13	11	13	14	0	0	a	a
AVG. HOURLY VELOCITY,	8.3	a	6.4	a	6.5	a	5.5	a	9.9	a	~~8.9~~ 9.0	a	10.3	a	8.3	a	0	a	8.7	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of November, 1927.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, *8558; No. of wet thermometer in use, ⊕12446; No. of maximum thermometer in use, ----------; No. of minimum thermometer in use, ----------

†Elevation above ground of the dry thermometer, ---------- feet; rain gage, ---------- feet; anemometer, ---------- feet.

If the office has been moved during the month, give date ----------; amount of change in height of barometer, ---------- feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911. 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry streets, room 911-12 Tri-State Bldg; first observation taken in present office, 7:00 a.m. May 20, 1911.

* From Nov-13 ch. ⊕ From Nov 17.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. S—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1927,

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.5	29.278	-.128	29.150	30.07	56.9	54.8	54	87	.417	66.7	55.9	E	10			T	1 / 2	ci / st cu	SW / SE	Clear		CJS	1
2	70.0	29.143	-.118	29.025	29.96	44.7	40.8	36	72	.211	66.4	44.7	W	14	32	SW	.22	10	st cu	NW	Cloudy		CJS	2
3	71.0	29.107	-.120	28.987	29.93	39.9	36.2	32	70	.180	~~38.9~~ 44.7	38.9	S	5			0	2 / 4	ci / st cu	SW / SW	Pt. Cloudy		CJS	3
4	74.0	28.903	-.128	28.775	29.70	36.0	34.8	33	89	.187	46.9	34.6	SW	5			T	1	st cu	W	Clear		CJS	4
5	68.0	28.930	-.112	28.818	29.75	35.8	34.6	33	89	.187	40.9	34.1	W	10			.02	9	st cu	NW	Cloudy		CJS	5
6	69.0	29.420	-.117	29.303	30.26	26.6	26.1	26	94	.136	31.8	25.6	SW	6			.01	10	st cu	SW	~~Lt. Snow~~ ~~Drizzling~~		E.L.H	6
7	72.0	29.504	-.125	29.379	30.34	27.4	24.9	20	70	.103	33.8	26.2	SW	5			0	10	st cu	SW	Cloudy		E.L.H	7
8	70.5	29.330	-.120	29.210	30.15	31.8	30.3	28	85	.150	37.5	31.8	E	10			T	10	st	E	Cloudy		E.L.H	8
9	72.0	29.512	-.125	29.387	30.35	38.0	35.2	31	77	.172	38.0	36.7	W	2			0	10	st cu	W	Cloudy		E.L.H	9
10	70.0	29.390	-.119	29.271	30.21	44.2	43.7	43	96	.277	44.8	40.1	S	14			.02	10	nb	S	Lt. Rain		E.L.H	10
11	70.5	29.180	-.120	29.060	29.98	64.1	61.8	60	88	.517	65.8	62.1	SW	14	~~34~~	~~SW~~	0	10	st cu	SW	Cloudy		E.L.H	11
12	70.0	29.460	-.119	29.341	30.28	34.2	31.9	29	79	.157	69.1	34.2	SW	12	39 / ~~28~~	SW / ~~W~~	.14	9	st cu	SW	Cloudy		E.L.H	12
13	74.5	29.781	-.132	29.649	30.60	28.6	27.1	25	83	.130	35.2	26.9	E	5			0	1	ci	NW	Clear		CJS	13
14	69.0	29.460	-.117	29.343	30.28	52.8	47.4	42	67	.266	52.8	40.9	S	8			T	10	st	S	Cloudy		CJS	14
15	73.5	29.161	-.127	29.034	29.95	59.2	55.9	54	82	.417	64.2	58.8	S	14	~~30~~	~~S~~	0	3 / 5	ci / st cu	SW / S	Cloudy		CJS	15
16	70.5	29.241	-.120	29.121	30.05	40.2	39.1	38	91	.228	58.5	38.9	W	5			.01	10	st	W	Cloudy		CJS	16
17	71.5	29.146	-.122	29.024	29.97	29.4	27.6	25	80	.130	35.8	28.6	N	11			0	10	st cu	N	Cloudy		CJS	17
18	74.0	29.292	-.129	29.163	30.11	27.8	25.8	22	77	.113	30.5	26.2	NW	4			T	9	st	NW	Cloudy		CJS	18
19	74.0	29.554	-.130	29.424	30.39	23.4	22.6	21	90	.108	28.8	23.1	W	5			T	1 / 6	cu / st cu	W / W	Pt. Cloudy		CJS	19
20	70.0	29.510	-.119	29.391	30.35	33.6	31.1	28	77	.150	33.6	29.9	SW	10			0	10	st	SW	Cloudy		E.L.H	20
21	65.0	29.212	-.105	29.107	30.05	44.2	43.0	42	91	.266	44.2	40.8	SW	11			.03	10	st	SW	Cloudy		E.L.H	21
22	71.0	29.150	-.121	29.029	29.96	53.8	52.8	46	69	.310	55.8	50.3	SW	17	~~28~~	~~SW~~	0	4 / 6	cu / st cu	SW / SW	Cloudy		E.L.H	22
23	74.5	29.312	-.130	29.182	30.11	50.0	48.0	46	87	.310	62.8	50.0	W	9			.20	10	st	W	Cloudy		E.L.H	23
24	71.0	29.162	-.121	29.041	29.98	46.7	44.8	43	~~80~~ 77	~~.256~~ .277	50.8	44.3	SW	20			1.14	10	st cu	W	Cloudy		CJS	24
25	69.0	29.368	-.116	29.252	30.20	38.2	35.9	33	81	.187	43.3	36.9	SW	6			0	10	st	SW	Cloudy		E.L.H	25
26	71.5	29.200	-.122	29.078	30.02	47.8	46.3	45	90	.298	47.8	~~46.3~~ 40.2	S	12			.02	9	st cu	NW	Cloudy		E.L.H	26
27	71.0	29.091	-.120	28.971	29.89	61.8	56.7	53	74	.402	64.3	60.8	SW	20	28	SW	.01	10	st cu	SW	Cloudy		CJS	27
28	69.0	29.077	-.115	28.962	29.90	43.8	43.2	43	95	.277	43.8	40.1	E	6			.73	10	nb	E	Lt. Rain		CJS	28
29	71.0	29.036	-.120	28.916	29.84	44.7	43.8	43	94	.277	61.4	44.7	S	10	38	SW	.18	2	st cu	S	Clear		CJS	29
30	73.0	28.952	-.125	28.827	29.74	42.9	42.7	42	98	.266	64.8	42.9	NW	14			1.44	10	nb	NW	Lt. Rain		CJS	30
31																								31
Sums	(a)	(a)		874.220	902.39	1250.5	1188.9	1116	2509	7.106	(a)	(a)	(a)	294	(a)	(a)	4.17	255	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.141	30.080	41.7	39.6	37.2	83.6	.237	(a)	(a)	(c) SW	9.8	(a)	(a)	(a)	8.5	U ci / L st cu	USW / LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1927,

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	76.0	29.068	.133	28.935	29.86	66.4	60.9	57	73	.465	74.1	56.9	S	14			0	4	cu	SW	Pt. Cloudy			E.L.H.	1
2	73.0	29.193	.126	29.067	30.01	44.7	38.7	31	58	.172	49.8	44.7	NW	4			0	3	ci	W	Clear			E.L.H.	2
3	71.0	28.932	.120	28.812	29.73	46.9	41.9	36	66	.211	52.9	39.9	SW	6			0	Few	cu	SW	Clear			E.L.H.	3
4	72.0	28.750	.122	28.628	29.55	40.9	38.4	35	80	.203	45.2	36.0	SW	15			.04	4	st cu	SW	Pt. Cloudy			E.L.H.	4
5	72.0	29.204	.124	29.080	30.03	31.8	30.3	28	85	.150	36.8	30.8	W	20	28	W	T	6	cu	W	Pt. Cloudy			E.L.H.	5
6	73.0	29.470	.127	29.343	30.30	33.8	28.2	17	48	.089	36.2	26.6	W	6			~~.01~~ T	10	st cu	W	Cloudy			E.L.H.	6
7	74.0	29.441	.130	29.311	30.27	37.5	30.8	19	44	.098	40.9	27.4	SE	5			0	10	st cu	S	Cloudy			C.S.	7
8	73.0	29.366	.126	29.240	30.18	36.7	33.2	28	70	.150	37.0	31.8	NE	5			0	10	st	E	Cloudy			C.S.	8
9	73.5	29.516	.129	29.387	30.34	44.8	39.9	34	65	.195	48.8	38.0	SE	8			0	8	ci st	W	Cloudy	6 7:30 A E 9:15 A		C.S.	9
10	71.5	29.221	.122	29.099	30.03	62.3	60.6	60	91	.517	62.3	44.2	S	16			.02	10	st	S	Cloudy			C.S.	10
11	74.0	28.974	.128	28.846	29.75	69.1	60.7	55	62	.432	74.4	64.1	S	20	41	SW	0	10	st cu	SW	Cloudy			C.S.	11
12	73.5	29.731	.130	29.601	30.56	35.2	29.8	21	51	.108	41.0	32.6	W	6	28	W	0	2	ci	W	Clear			C.S.	12
13	69.0	29.523	.117	29.406	30.37	43.7	35.9	24	45	.124	47.9	28.4	SE	12			0	3	ci	W	Clear			C.S.	13
14	72.0	29.354	.120	29.234	30.15	64.2	57.8	53	68	.402	68.5	52.8	S	15			T	5	st cu	S	Pt. Cloudy			E.L.H.	14
15	74.0	29.120	.128	28.992	29.91	58.5	56.5	56	89	.448	61.8	58.0	S	11	30	S	.09	9	st cu	S	Cloudy			E.L.H.	15
16	75.0	29.228	.132	29.096	30.04	35.8	32.3	27	69	.143	42.3	35.8	N	11			.02	6	st cu	N	Pt. Cloudy			E.L.H.	16
17	77.0	29.184	.137	29.047	30.00	30.5	29.1	26	85	.136	31.3	29.4	NW	8			.0	10	st cu	NW	Cloudy			E.L.H.	17
18	75.4	29.410	.133	29.277	30.24	28.4	27.9	27	94	.143	34.5	27.8	NW	4			~~.01~~ T	10	nb.	NW	~~Pt. Cloudy~~			E.L.H.	18
19	75.0	29.568	.133	29.435	30.41	31.0	27.0	20	58	.103	32.4	23.4	SW	7			0	10	st	SW	Cloudy			E.L.H.	19
20	67.0	29.287	.111	29.176	30.12	40.8	36.0	29	63	.157	42.8	33.6	S	16			0	3	cu	S	Clear			E.L.H.	20
21	70.0	29.149	.118	29.031	29.96	52.8	48.1	43	72	.277	54.8	44.2	S	12			0	10	st cu	S	Cloudy			C.S.	21
22	71.0	29.157	.121	29.036	29.96	62.8	57.2	54	72	.417	63.4	55.8	SW	22	28	SW	0	10	st cu	SW	Cloudy			C.S.	22
23	74.0	29.394	.130	29.264	30.20	47.9	45.1	42	81	.266	50.0	45.6	N	3	~~26~~ SW		0	6	st cu	N	Cloudy			C.S.	23
24	69.5	29.341	.117	29.224	30.15	43.3	39.9	36	75	.211	46.9	42.2	SW	10	26	W	T	10	st cu	SW	Cloudy			C.S.	24
25	71.0	29.320	.121	29.199	30.14	44.0	40.5	36	74	.211	46.2	38.2	S	6			0	5	st	S	Pt. Cloudy			E.L.H.	25
26	70.5	29.134	.120	29.014	29.94	63.4	60.2	58	83	.482	63.4	47.8	SW	14			0	10	st cu	W	Cloudy			C.S.	26
27	70.0	29.244	.118	29.126	30.06	43.4	41.8	40	88	.247	61.8	43.4	N	16			.01	10	st	N	Cloudy			C.S.	27
28	70.5	28.767	.118	28.649	29.56	61.4	56.1	53	73	.402	64.7	43.8	S	26	30	S	.43	6	cu	S	Pt. Cloudy			C.S.	28
29	71.5	28.871	.120	28.751	29.66	63.7	59.9	58	80	.482	67.2	44.7	S	20			0	0	0	0	Clear			C.S.	29
30	74.0	29.220	.129	29.091	30.04	30.0	30.0	30	100	.164	42.9	29.2	NW	8	25	NW	0.58	8	cu	NW	Cloudy			E.L.H.	30
31																									31
Sums		(a)	(a)	873.397	901.52	1395.7	1274.7	1133	2162	7.605	(a)	(a)	(a)	346	(a)	(a)	1.19	210	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.113	30.05	46.5	42.5	37.8	72.1	.254	(a)	(a)	(c) S	11.5	(a)	(a)	(a)	7.0	U Ci LS Cu	U W LS	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1927

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Tuesday 1	74	56	18	1	65				R	DNp	---										.04				0	0	0	0	1
2	66	42	24	11	54				R	---	DNa										.18				0	0	0	0	2
3	53	39	24	8	46				R	7:20p	8:00p										T				0	0	0	0	3
4	45	35	10	6	40				R	11:28a	3:50p	R	7:15p	8:20p							.05				0	0	0	0	4
5	37	29	8	7	33				Sm R	6:38a DNa	6:40a DNa	Sm	7:31a	10:40a	Sm	12:28p	3:23p	Sm	DNp	---	.01				0	T	0	T	5
6	36	26	10	2	31				Sm	---	DNa	Sm	6:45a	6:55a							.01				0	.08	0	.01	6
7	41	26	15	3	34																0				0	0	0	0	7
8	37	32	5	0	34				R	5:10a	6:20a										T				0	0	0	0	8
9	49	37	12	9	43																0				0	0	0	0	9
10	65	40	25	9	52				R	5:20a	7:25a	R	10:35a	11:10a	R	2:30p	3:01p				.04				0	0	0	0	10
11	74	43	31	6	58				R	7:29p	8:50p										.14				0	0	0	0	11
12	43	31	12	21	37																0				0	0	0	0	12
13	48	27	21	1	38				R	DNp	DNp										T				0	0	0	0	13
14	68	41	27	16	54				R R	7:30a 8:10p	8:30a DNp	R									T				0	0	0	0	14
15	62	47	15	0	54				R	9:14a	9:18a	R	9:26a	10:55a	R	12:10p	12:28p	R	1:80p	1:35p	0.10				0	0	0	0	15
16	47	32	15	14	40				R	10:37a	10:45a	R	11:53a	2:25p							.02				0	0	0	0	16
17	32	28	3	10	30				Sm	7:05p	7:30p										T				0	0	0	T	17
18	34	26	8	0	30				Sm	4:20p	4:40p	Sm	6:15p	7:10p	Sm	DNp	---				T				0	T	T	T	18
19	32	23	9	2	28				Sm	---	DNa										T				0	T	0	T	19
20	44	30	14	11	37				R	9:01p	DNp										.03				0	0	0	0	20
21	55	42	13	11	48																0				0	0	0	0	21
22	63	54	9	10	58				R	9:50p	---										.10				0	0	0	0	22
23	62	44	18	5	53				R	---	DNa	R	7:30p	---							.56				0	0	0	0	23
24	51	40	11	7	46				R	---	6:00a	R	2:15p	3:30p							.68				0	0	0	0	24
25	46	37	9	4	42																0				0	0	0	0	25
26	64	40	24	10	52				R	5:25a	6:05a	R	9:05p	10:40p							.03				0	0	0	0	26
27	64	40	24	0	52				R	12:20p	3:30p	R	10:40p	---							.13				0	0	0	0	27
28	65	40	25	0	52				R R	7:12p cont.	8:15p 10:10a	R	10:30a	11:30a	R	12:25p	2:30p	R	3:00p	3:45p	1.22				0	0	0	0	28
29	67	45	22	4	56				R	10:20p	---										0.45				0	0	0	0	29
30	57	26	31	14	42				R	---	6:50a	R	7:50a	11:25A	Sm	11:25A	6:50p				1.57				1.0	5.0	4.0	.24	30
31																													31
S	1582	1098	482	202	1339		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	5.30		Total excess or deficiency since Jan. 1,		0	5.8	(a)	(a)	(a)
M	52.7	36.6	16.1	6.7	44.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) Ø amount of snow estimated + at intervals.

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SUMMARY FOR THE MONTH OF November, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.007)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.141	29.113	29.127	29.670	13	28.600	4	1.010	30.080	30.051	30.066	30.640	13	29.520	4	1.12
Corrected mean		29.120						Corrected mean		30.059					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
41.7	46.5	44.1	39.6	42.5	41.0	52.7	36.6	44.6	74	11	23	19	51	31	11	24	17

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
37.2	37.8	37.5	83.6	72.1	77.8	.237	.254	.246	1	0	12	0

Clouds.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: Southwest

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8199	11.4	SW	41	SW	11	4	1	4	3	16	17	9	6	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
8.5	7.0	8.2	21	2	7	21	0	5	13

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	11 - 29	11	0	10	9	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
5.36	2.02	29.30	None	—	—	None	—	—	7	18	13	5	2	25	6	2	5.8	4.0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket gage not in use. Removed 5th at 6:32 p.m.																				

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. Hardy

Erle L. Hardy, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
14	2:00 pm	1:00 pm	72.0	29.376	-.125	29.251	30.18	65.2	58.7	54	11.2	68	65.2	S	15	24	S	T	4 4	ay cu st cu	S S	Cloudy		E.L.H.	14
15	2:00 pm	1:00 pm	74.0	29.111	-.128	28.983	29.90	61.8	58.0	55	6.8	80	61.8	S	20	30	S	.06	10	st cu	S	Cloudy		C.J.	15
29	12 00 Noon	11 00 am	72.5	29.004	-.124	28.880	29.81	55.9	50.1	45	10.9	67	55.9	S	12			0	5 2	a cu st cu	SW SW	Pt Cloudy		C.J.	29
30	12 00 Noon	11 00 am	74.5	28.963	-.129	28.834	29.76	37.8	37.7	38	0	99	42.9	N	14	22	N	.34	10	nb	N	Lt. Rain		C.J.	30
								Highest and lowest pressure																	
13	5 00 am	4 00 AM		29.670		29.670	30.64	29.0															Highest		13
4	5 30 PM	4 30 PM		28.600		28.600	29.52	43.0															Lowest		4

3—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1927.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									291	21	27	3							318	24
2											47	2	64	4	149	18			260	24
3							3	1	9	2	85	10	51	7	23	4			171	24
4									16	2	100	11	78	7	41	4			235	24
5													340	23	12	1			352	24
6											37	6	195	18					232	24
7					28	5	21	4	41	6	55	9							145	24
8					148	16	35	8											183	24
9	5	1			4	1	74	12	11	2			22	5	7	3			123	24
10							21	3	203	15	101	6							325	24
11									122	6	329	15	78	3					529	24
12													298	18	28	6			326	24
13					70	9	67	8	34	4					6	3			177	24
14									287	23	18	1							305	24
15									327	20	15	1	36	3					378	24
16	73	7											74	9	68	8			215	24
17	113	13													124	11			237	24
18	17	3											53	7	69	14			139	24
19			9	2					10	2	104	14	36	6					159	24
20									124	8	197	16							321	24
21									131	10	203	14							334	24
22											468	24							468	24
23	8	3	11	2	22	3	3	1			54	3	80	8	25	4			203	24
24			11	1	20	2	4	1			86	8	133	10	21	2			275	24
25									101	11	123	13							224	24
26									74	7	251	17							325	24
27	21	2	101	7	55	4					172	11							349	24
28			7	1	66	8			65	4	119	7	61	4					318	24
29									220	16	50	5	28	2	8	1			306	24
30	149	12											17	3	101	9			267	24
31																				
SUM,	386	41	139	13	413	48	228	38	2066	15?	2671	196	1644	137	682	88	0	0	8192	720
PERCENTAGE,	5	6	2	2	5	7	3	5	25	22	32	27	20	19	8	12	0		a	a
AVG. HOURLY VELOCITY,	9.4	a	10.7	a	8.6	a	6.0	a	13.0	a	13.5	a	12.0	a	7.8	a		a	11.4	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of December, 1927

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. o

†No. of dry thermometer in use, 8558; No. of wet thermometer in use, 12446; No. of maximum thermometer in use, 23396; No. of minimum thermometer in use, 14577

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry streets, room 911-12 Tri State Bldg, first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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o not exposed during month. (Automatic rain gage.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:17 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	67.0	29.526	.111	29.415	30.38	20.0	19.7	19	96	.098	30.5	20.0	SW	6			0	2	cu	SW	Clear		CS	1
2	70.5	29.281	.120	29.161	30.11	28.9	27.3	25	82	.130	29.9	28.0	W	10			0	10	a st	W	Cloudy		CS	2
3	69.0	29.564	.117	29.447	30.42	21.2	20.0	17	83	.089	26.9	21.2	NE	8			0	2	st cu	E	Clear		CS	3
4	68.0	29.591	.114	29.477	30.45	23.5	21.0	15	67	.081	25.2	19.5	NE	10			0	9	st cu	NE	Cloudy		E.L.H.	4
5	64.0	29.220	.102	29.118	30.08	21.7	20.0	16	76	.085	29.2	21.7	SW	7			0	0	0	0	Clear		E.L.H.	5
6	68.0	29.122	.112	29.010	29.96	27.8	26.0	23	79	.118	33.1	26.8	S	8			0	3	a st	SW	Clear		E.L.H.	6
7	68.0	28.802	.112	28.690	29.62	40.8	40.8	41	100	.256	41.2	37.1	SE	10			.60	10	nb	SE	Lt Rain		E.L.H.	7
8	62.0	29.040	.097	28.943	29.90	5.3	4.3	-1	74	.036	43.7	5.0	SW	24	42	SW	.02	10	st	SW	Cloudy		E.L.H.	8
9	64.0	29.644	.104	29.504	30.53	4.8	4.0	0	79	.038	6.9	3.2	SW	10			0	0	0	0	Clear		E.L.H.	9
10	71.0	29.400	.122	29.278	30.24	25.8	22.3	18	68	.073	25.8	18.9	SW	10			0	10	st cu	SW	Cloudy		E.L.H.	10
11	74.0	29.339	.129	29.210	30.15	35.7	35.2	35	95	.203	36.0	32.9	S	6			.06	10	nb	S	Lt. Rain		CS	11
12	74.5	29.278	.130	29.148	30.09	37.6	36.9	36	94	.211	40.7	37.6	SW	3			.01	10	nb	SW	Lt. Rain		CS	12
13	75.0	28.992	.131	28.861	29.78	57.9	57.9	58	100	.482	60.3	50.6	SW	10			.08	10	nb	SW	Lt. Rain		CS	13
14	72.0	29.239	.124	29.115	30.06	34.6	33.9	33	93	.187	52.2	34.6	N	6			.02	4	st cu	N	Pt. Cloudy		CS	14
15	73.0	28.914	.125	28.789	29.73	35.2	33.9	32	88	.180	37.3	33.6	E	18			0	4 6	a st st cu	SW SW	Cloudy		CS	15
16	68.0	28.699	.111	28.588	29.52	18.7	17.2	13	76	.074	37.8	18.7	W	12			T	10	st cu	W	Cloudy		CS	16
17	72.0	28.934	.123	28.811	29.76	17.6	15.7	11	73	.066	21.3	17.6	SW	12			0	1	st cu	W	Clear		CS	17
18	70.0	29.219	.118	29.101	30.07	10.8	10.6	10	96	.063	13.8	10.8	W	10			T	10	nb	W	Lt Snow		CS	18
19	73.0	29.390	.127	29.263	30.24	6.2	6.0	5	95	.049	9.6	4.8	SW	11			0	2	st	W	Clear		E.L.H.	19
20	70.0	29.356	.119	29.237	30.21	24.2	22.7	19	81	.098	24.2	17.0	W	12			0	10	st cu	NW	Cloudy		E.L.H.	20
21	72.0	29.450	.125	29.325	30.28	29.8	27.3	23	73	.118	30.0	26.8	NW	12			0	10	st cu	NW	Cloudy		E.L.H.	21
22	74.0	29.358	.129	29.229	30.18	23.0	22.0	20	87	.103	33.2	22.8	SW	9			0	2	a st	W	Clear		E.L.H.	22
23	75.0	29.470	.133	29.337	30.30	27.2	24.3	19	66	.098	30.6	26.8	NW	10			0	10	st	NW	Cloudy		E.L.H.	23
24	74.0	29.590	.130	29.460	30.43	19.8	19.3	18	92	.093	27.9	19.8	NE	4			0	0	0	0	Clear		E.L.H.	24
25	76.0	29.700	.136	29.564	30.53	17.7	17.1	16	90	.085	28.0	17.7	E	3			0	2	a st	E	Clear		E.L.H.	25
26	71.5	29.700	.124	29.576	30.55	21.5	20.7	19	88	.098	25.4	20.4	SE	2			0	2 5	a cu st cu	E E	Pt Cldy		E.L.H.	26
27	71.0	29.560	.122	29.438	30.40	26.4	24.4	20	75	.103	30.9	26.4	SW	10			0	Few	cu	W	Clear		E.L.H.	27
28	74.5	29.231	.130	29.101	30.04	42.1	35.9	27	54	.143	42.1	38.3	S	14	~~26~~	~~S~~	T	10	st	S	Cloudy		CS	28
29	71.0	28.967	.120	28.847	29.78	45.8	44.8	44	93	.287	46.0	45.0	SW	14	26	S	.03	10	st cu	SW	Cloudy		CS	29
30	73.0	29.094	.125	28.969	29.91	37.2	37.2	37	100	.219	47.0	37.2	N	6			T	10	nb	N	Mistng		CS	30
31	74.0	28.816	.127	28.689	29.63	25.8	25.0	24	89	.124	32.2	24.3	N	10			.26	10	st cu	N	~~Lt Snow Cloudy~~		CS	31
Sums		(a)	(a)	903701	93333	8146	7736	688	2592	4092	(a)	(a)	(a)	297	(a)	(a)	108	204	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.152	30.107	26.3	25.0	22.2	83.6	.132	(a)	(a)	(c) SW	9.6	(a)	(a)	(a)	6.6	U Q.St L St cu	USW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	70.5	29.460	.121	29.339	30.30	28.8	26.3	22	72	.113	33.0	20.0	SE	5			0	4	st	SE	Pt. Cloudy			E.L.H.	1
2	71.0	29.390	.122	29.268	30.23	25.8	24.8	23	88	.118	28.9	25.8	NW	6			0	8	cu	NW	Cloudy			E.L.H.	2
3	72.0	29.700	.126	29.574	30.55	21.0	20.0	18	86	.093	25.0	19.8	NE	9			0	2	cu	NE	Clear			E.L.H.	3
4	66.0	29.320	.108	29.212	30.17	29.2	25.7	19	61	.098	31.8	23.5	SE	4			0	0	0	0	Clear			E.L.H.	4
5	68.5	29.146	.114	29.032	29.99	33.1	29.8	25	68	.130	37.7	20.0	SW	12			0	3	ast	SW	Clear			C.J.	5
6	71.5	29.043	.121	28.922	29.87	39.7	38.1	36	87	.211	40.0	27.8	SE	6			.10	10	nb	SE	Lt. Rain			C.J.	6
7	70.0	28.441	.116	28.325	29.24	43.7	42.2	41	89	.236	54.6	40.8	SW	18			.40	10	stcu	SW	Cloudy			C.J.	7
8	63.5	29.445	.102	29.343	30.33	6.9	5.8	0	73	.038	8.0	3.8	W	18	27	S	T	8	stcu	W	Cloudy			C.J.	8
9	72.5	29.500	.126	29.374	30.35	21.0	18.0	10	57	.063	21.0	4.8	S	12	26	SW	0	9	ast	W	Cloudy			E.L.H.	9
10	74.0	29.431	.130	29.301	30.26	32.9	31.8	30	89	.164	33.2	25.8	SW	10			0	10	stcu	SW	Cloudy			C.J.	10
11	73.0	29.227	.126	29.101	30.04	40.0	40.0	40	100	.247	40.2	35.7	SW	12			.04	10	nb	SW	Lt. Rain			C.J.	11
12	77.0	29.100	.136	28.964	29.90	50.6	50.6	51	100	.373	50.6	35.4	S	14			.01	10	nb	S	Lt. Rain			E.L.H.	12
13	74.0	28.808	.128	28.680	29.59	52.2	52.2	52	100	.387	60.3	52.2	NW	10			0.94	10	nb	NW	Lt. Rain			E.L.H.	13
14	72.0	29.253	.124	29.129	30.08	37.3	35.4	32	84	.180	41.5	32.0	E	12			0	0	0	0	Clear			C.J.	14
15	73.0	28.721	.124	28.597	29.53	37.8	36.3	34	87	.195	49.0	35.2	W	14			T	10	st	W	Cloudy	B 2:15 P E 4:00 P		E.L.H.	15
16	70.0	28.790	.117	28.673	29.62	21.3	19.3	14	71	.077	22.3	15.8	SW	20	27	SW	T	3	cu	SW	Clear			E.L.H.	16
17	71.0	29.130	.121	29.009	29.98	12.1	10.5	4	68	.048	20.1	12.1	W	15	26	W	T	Few	cu	W	Clear			E.L.H.	17
18	71.0	29.327	.121	29.206	30.18	9.6	8.2	2	70	.042	13.8	9.1	W	14			.01	10	stcu	W	Cloudy			C.J.	18
19	72.0	29.419	.125	29.294	30.27	19.1	17.9	15	82	.081	21.1	6.2	W	14			T	10	stcu	W	Cloudy			C.J.	19
20	72.0	29.432	.125	29.307	30.27	30.0	28.6	26	85	.136	34.1	24.2	NW	15	25	NW	0	10	st	NW	Cloudy			E.L.H.	20
21	75.0	29.420	.133	29.297	30.26	33.2	31.0	28	79	.150	38.1	29.8	W	6			0	0	0	0	Clear			E.L.H.	21
22	75.0	29.400	.133	29.267	30.23	30.6	29.1	26	84	.136	37.8	23.0	N	10			0	10	st	NW	Cloudy			E.L.H.	22
23	77.0	29.520	.138	29.382	30.34	27.9	25.2	22	77	.113	33.0	27.2	W	7			0	2	st	NW	Clear			E.L.H.	23
24	78.0	29.640	.142	29.498	30.47	28.0	25.9	22	76	.113	31.8	19.5	E	5			0	4	a.st	SW	Pt Cloudy			E.L.H.	24
25	74.0	29.690	.131	29.559	30.54	25.4	24.2	22	85	.113	26.8	17.5	E	5			0	10	stcu	SW	Cloudy			E.L.H.	25
26	71.5	29.610	.123	29.487	30.46	30.9	28.2	24	72	.124	35.4	20.5	SW	12			0	2	a.st	SW	Clear			E.L.H.	26
27	73.5	29.400	.129	29.271	30.22	40.5	34.5	26	54	.136	46.0	25.4	SE	8			0	6	stcu	SE	Pt Cloudy			E.L.H.	27
28	75.5	28.900	.132	28.768	29.69	45.0	44.0	43	93	.277	45.0	40.1	S	16			.36	10	nb	S	Lt. Rain			E.L.H.	28
29	72.5	29.071	.124	28.947	29.88	47.0	45.8	45	91	.298	48.8	44.9	S	17			0	10	stcu	S	Cloudy	B 8:10 P E DNa B DNa	B DNa cont E DNa cont	E.L.H.	29
30	74.0	29.000	.128	28.872	29.82	32.2	32.2	32	100	.180	37.2	32.2	NE	14			.16	10	nb	NE	Lt. Rain			E.L.H.	30
31	67.0	28.990	.110	28.884	29.84	16.0	16.4	9	92	.060	25.8	10.8	W	19			.04	10	Nb	W	Lt. Snow			E.L.H.	31
Sums		(a)	(a)	862.382	932.50	943.6	899.20	792	[illegible]	4.750	(a)	(a)	(a)	349	(a)	(a)	2.06	311	(a)	(a)	(a)	3	2	(a)	(a)
Means		(a)	(a)	[illegible]	[illegible]	30.4	28.8	25.6	81.3	.153	(a)	(a)	(c) W	11.3	(a)	(a)	(a)	6.8	U a.st L st cu	U SW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1927

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	33	20	13	16	26																0				0	0	4.0	0	1
2	30	25	5	2	28																0				0	0	3.0	0	2
3	25	20	5	6	22																0				0	0	1.8	0	3
4	32	24	8	6	28																0				0	0	1.5	0	4
5	37	20	17	0	28																0				0	0	0.5	0	5
6	41	27	14	6	34				R	2:30p	Cont.										.35				0	0	0	0	6
7	55	17	38	2	36				R Sp	Cont 2:15p	11:10a 2:30p	Rp Sp	1:30p 3:10p	6:15p 3:30p	R	6:58p	7:30p				.77				0	0	0	0	7
8	17	4	13	26	10				Sp	7:10a	7:20a	Sp	9:50a	10:00a	Sp	10:15a	10:55a	Sp	11:45a	11:50a	T				0	T	T	T	8
9	22	3	19	2	12																0				0	0	0	0	9
10	34	19	15	14	26				Sp	6:58p	7:03p	R	DNp	Cont							.01				0	0	0	T	10
11	41	34	7	12	38				R	Cont	11:20a	R	12:15p	Cont.							.09				0	T	0	0	11
12	59	35	24	9	47				R	Cont.	Cont.										.04				0	0	0	0	12
13	60	46	14	6	53				R	Cont	7:05p										1.02				0	0	0	0	13
14	46	32	14	14	39																0				0	0	0	0	14
15	49	25	24	2	37				R	2:30p	3:00p	R	7:30p	9:10p							T				0	0	0	0	15
16	25	16	9	17	20				Sp	7:01a	7:55a	Sp	8:10a	8:43a							T				0	T	0	T	16
17	20	12	8	4	16				Sp	11:30a	11:55a	Sp	2:38p	3:20p							T				0	T	0	T	17
18	14	7	7	6	10				Sp	6:38a	7:06a	Sp	2:13p	3:00p							.01				0	0.1	0.1	.01	18
19	21	5	16	3	13				Sp	10:00a	10:15a	Sp	1:14p	1:20p							T				0	T	0	T	19
20	34	17	17	13	26																0				0	0	0	0	20
21	38	27	11	6	32																0				0	0	0	0	21
22	38	23	15	2	30																0				0	0	0	0	22
23	33	23	10	2	28																0				0	0	0	0	23
24	32	20	12	2	26																0				0	0	0	0	24
25	27	18	9	4	22																0				0	0	0	0	25
26	35	20	15	6	28																0				0	0	0	0	26
27	46	25	21	8	36																0				0	0	0	0	27
28	46	39	7	6	42				R	6:28a	6:34a	R	7:19a	7:30a	R	10:10a	11:30p				.39				0	0	0	0	28
29	49	44	5	4	46				R	DNA	DNA										T				0	0	0	0	29
30	44	31	13	8	38				R	DNa	Cont										.26				0	0	0	0	30
31	31	3	28	21	17				Sp R	11:15a Cont	2:20p DNa	Sp Sp	2:50p DNa	DNp DNa	Sp	6:30a	7:10a	Sp	8:48a	9:40a	.20				0 T	2.4	2.0	.04	31
S	1114	681	432	235	894		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.14		Total excess or deficiency since Jan. 1,		0 T	2.5	(a)	(a)	(a)
M	35.9	22.0	13.9	7.6	28.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

Estimated

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF December, 1927.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean = .006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.152	29.125	29.138	29.600	9	28.260	7	1.340	30.107	30.081	30.094	30.60	9	29.16	7	1.44
Corrected mean		29.132						Corrected mean		30.088					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
26.3	30.4	28.4	25.0	28.8	26.9	35.9	22.0	29.0	60	13	3	31	57	38	7	5	29

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
22.2	25.6	23.9	83.6	81.3	82.4	.132	.153	.142	12	0	26	0

Clouds.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: Southwest

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8038	10.8	SW	42	SW	7	4	5	5	6	7	18	12	5	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.6	6.8	6.5	36	9	6	16	0	0	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	7	0	0	15 29 30	29 30	0	0	24	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.14	1.04	12+13	None	—	—	None	—	—	6	10	8	5	1	16	7	2	2.5	2.0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket gage not in use.																				

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1927.

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extrems of Pressure																	
								Highest																	
9	11 am 00	10 am 00				29.600	30.60	10.0																	9
7	7 PM 00	6 PM 00				28.260	29.16	55.0	Lowest pressure																7

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1927

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90° meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1							43	9	19	3	62	10	11	2					135	24
2									19	3	22	3	56	5	119	13			216	24
3	6	1	174	16	18	2							9	3	8	2			215	24
4			29	3	93	10	17	5	17	3	24	3							180	24
5											298	24							298	24
6					15	3	42	8	79	11	16	2							152	24
7					14	3	70	7	174	8	164	6							422	24
8											298	12	209	12					507	24
9									159	11	100	9	44	4					303	24
10									64	7	216	17							280	24
11									111	14	104	10							215	24
12					16	4	13	4	73	6	72	10							174	24
13	5	1							38	4	139	12	27	3	49	4			258	24
14	30	5	11	1	126	13	4	1							50	4			221	24
15					146	17	9	1					88	6					243	24
16											265	14	149	10					414	24
17											125	10	233	14					358	24
18													322	24					322	24
19											11	1	310	23					321	24
20													118	9	257	15			375	24
21											24	4	49	7	129	13			202	24
22	42	5									73	8	25	4	78	7			218	24
23													52	7	153	17			205	24
24			26	7	51	9	3	1	4	1			12	4	10	2			106	24
25					103	22	7	2											110	24
26							10	5	85	13	59	6							154	24
27									179	18	58	6							237	24
28							28	3	310	19	30	2							368	24
29									22	4	237	20							259	24
30	21	3	191	16					3	1					10	4			225	24
31	86	7	28	2									160	10	71	5			345	24
SUM.	190	22	459	45	582	83	246	46	1356	126	2397	189	1874	147	934	86	0	0	8038	744
PERCENTAGE.	2	3	6	6	7	11	3	6	17	17	30	25	23	20	12	12	0	0	a	a
AVG. HOURLY VELOCITY.	8.6	a	10.2	a	7.0	a	5.3	a	10.8	a	12.7	a	12.7	a	10.9	a	0	a	10.8	a

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Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1927

STATION

Fort Wayne, Ind.

LOCATION OF OFFICE DECEMBER 31, 1927

Street, Corner of Calhoun and Berry

Number, Tri-State Building

Room, 911-12

SUM OF BAROMETER CORRECTIONS.

From 8 a m. Jan 1 *to* 8 p m Dec 31, *inc.,* .009 *in.*

From ..... *m.* ..... *to* ..... *m.* ....., *inc.,* ..... *in.*

From ..... *m.* ..... *to* ..... *m.* ....., *inc.,* ..... *in.*

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NOON, LOCAL MEAN TIME, OBSERVATION.

AVERAGES.

Month.	Temperature. Dry. (d)	Temperature. Wet (d)	Dew-Point. (e)	Relative Humidity. (e)	Vapor Pressure. (c)	Clouds. Amount. (d)	Clouds. Most Frequent Kind, Upper.	Clouds. Most Frequent Kind, Lower.	Clouds. Most Frequent Direction of Upper.	Clouds. Most Frequent Direction of Lower.
Jan.,	27.3	25.2	21	76	.117	7.2	ast	st	W	SW
Feb.,	37.2	33.6	28	70	.162	6.1	ast	stcu	W	SW
Mar.,	44.8	39.1	32	61	.187	6.0	ast	stcu	W	W
Apr.,	51.2	44.8	37	62	.243	6.3	ast	stcu	W	NW
May,	63.4	55.0	48	60	.360	5.1	ast	stcu	W	W
June,	69.6	59.0	51	54	.398	4.2	ast	cu	SW W	SW W
July,	78.9	66.2	59	52	.513	4.0	acu	cu	W	NW
Aug.,	72.4	60.4	52	51	.398	4.1	ast	cu	W	SW
Sept.,	75.5	63.0	55	51	.460	3.4	ci	cu	W	W
Oct.,	63.1	53.0	44	53	.308	4.0	cist	cu st st cu	W	SW
Nov.,	47.3	42.3	36	66	.238	8.2	ci	stcu	SW	SW
Dec.,	31.3	29.4	25	76	.148	6.5	ast	stcu	SW	NW
Sum,	662.0	571.0	488	732	3.532	65.1	ast	stcu	W	W SW
Mean,	55.2	47.6	41	61	.294	5.4	ast	stcu	W	W SW

(d) To tenths. (e) To whole numbers. (c) To thousandths.

ANNUAL METEOROLOGICAL SUMMARY FOR 192 .—STATION Fort Wayne, Ind.

Latitude N. 41° 5′ Longitude W. 85° 10′ Local time 0 h. 41 min. (t) slower than 75th meridian normal time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea Level, 856 Feet. Mean. 8 a. m. (c) In.	Mean. 8 p. m. (c) In.	Mean. Corrected monthly. (c) In.	Highest observed. (c) In.	Date.	Lowest observed. (c) In.	Date.	Absolute range. (c) In.	CORRECTED MONTHLY SEA-LEVEL PRESSURE. (c) In.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d) °	Mean. 8 p. m. (d) °	From Self-Registering Instruments. Mean. Max. (d) °	Mean. Min. (d) °	Mean. Monthly. (d) °	Highest. (e) °	Date.	Lowest. (e) °	Date.	Range. Absolute. (e) °	Range. Mean daily. (d) °	Mean daily change. (d) °
Jan.,	29.241	29.223	29.227	29.959	26	28.500	3	1.459	30.190	22.5	26.8	32.0	18.5	25.2	48	29	-6	15	54	13.5	6.4
Feb.,	29.086	29.097	29.087	29.550	28	28.596	22	0.954	30.035	31.5	36.3	42.0	28.5	35.2	62	16	16	19	46	13.4	5.5
Mar.,	29.175	29.144	29.155	29.540	1	28.640	7	0.900	30.097	36.9	44.1	49.0	33.9	41.4	71	16	18	2	53	15.1	4.9
Apr.,	29.129	29.116	29.117	29.490	7	28.610	27	0.880	30.054	42.6	50.1	56.1	38.8	47.4	79	19	28	23	51	17.3	5.9
May,	28.983	28.957	28.965	29.320	22	28.630	18	0.690	29.885	53.8	60.8	66.7	49.0	57.8	87	21	40	1	47	17.7	5.5
June,	29.118	29.071	29.090	29.407	6	28.630	4	0.777	30.008	60.2	69.7	73.9	55.3	64.6	94	30	47	6	47	18.6	4.6
July,	29.116	29.073	29.091	29.400	4	28.870	6	0.530	30.002	66.9	76.5	82.8	62.2	72.5	95	1	54	4	41	20.6	3.9
Aug.,	29.146	29.104	29.121	29.410	26	28.870	7	0.540	30.039	60.4	69.6	76.1	56.4	66.2	91	7	46	24	45	19.6	3.5
Sept.,	29.109	29.069	29.084	29.380	5	28.700	29	0.680	29.999	62.3	72.2	79.3	58.9	69.1	95	15	39	21	56	20.4	3.7
Oct.,	29.114	29.082	29.092	29.420	15	28.582	12	0.838	30.018	50.1	59.6	67.6	47.4	57.5	83	2	35	19	48	20.3	4.9
Nov.,	29.141	29.113	29.120	29.670	13	28.600	4	1.010	30.059	41.7	46.5	52.7	36.6	44.6	74	11	23	19	51	16.1	6.7
Dec.,	29.152	29.125	29.132	29.600	9	28.260	7	1.340	30.088	26.3	30.4	35.9	22.0	29.0	68	13	3	31	57	14.0	7.6
Sum,	349.510	349.174	349.281	Highest.	Date.	Lowest.	Date.	10.598	360.474	55.52	642.6	714.1	507.5	610.5	Max.	Date.	Min.	Date.	596	206.6	63.1
Mean,	29.126	29.098	29.107	29.959	Jan. 26	28.260	Dec. 7	0.883	30.040	46.3	53.6	59.5	42.3	50.9	95	Jul. 1	-6	Jan 15	50	17.2	5.3

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

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MONTH.	TEMPERATURE. Number of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.	DEW-POINT. Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	VAPOR PRESSURE. Mean. 8 a. m. (c)	8 p. m. (c)	Monthly. (c)	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 1907 Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	Duration (h. & m.)	Date.	1 inch per hour. (g) Amt.	Duration (h. & m.)	Date.	SNOWFALL (total depth).
				°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	15	0	27	20	22	21	88	80	84	.113	.122	.118	1.61	0.85	12-13	0			0			11.9
Feb.,	5	0	18	27	28	28	84	72	78	.154	.157	.156	1.41	0.49	4-5	0			0			5.0
Mar.,	1	0	16	32	33	32	81	67	74	.189	.197	.193	3.34	1.09	20	0			0			T
Apr.,	0	0	8	37	38	37	79	65	72	.236	.248	.242	6.00	1.19	28-29	0			0			T
May,	0	0	0	47	50	48	78	69	73	.337	.376	.356	4.30	1.59	18	0			0			0
June,	0	2	0	52	53	53	76	57	67	.409	.417	.413	2.69	1.33	21	0			0			0
July,	0	5	0	58	59	59	75	56	66	.505	.517	.511	2.91	1.05	6-7	0			0			0
Aug.,	0	1	0	53	53	53	78	58	68	.417	.410	.414	1.76	0.59	23	0			0			0
Sept.,	0	5	0	56	55	56	81	57	69	.466	.466	.466	3.12	1.04	29	0			0			0
Oct.,	0	0	0	44	46	45	80	62	71	.302	.318	.310	1.86	0.99	11-12	0			0			0
Nov.,	1	0	12	37	38	38	84	72	78	.237	.254	.246	5.36	2.02	29-30	0			0			5.8
Dec.,	12	0	26	22	26	24	84	81	82	.132	.153	.142	3.14	1.04	12-13	0			0			2.5
Sum,	34	13	107	485	501	494	968	796	882	3.497	3.635	3.567	37.50	a	a	a	a	a	a	a	a	25.2
Mean,	a	a	a	40	42	41	81	66	74	.291	.303	.297	a	2.02	Nov 29-30	a	a	a	a	a	a	a

g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station *Fort Wayne, Ind.*

Month.	Mean Cloudiness (0 to 10). 8 a. m. (d)	8 p. m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	7.2	5.7	7.1	92.8	298.2	31	7078	W	30	S	28	0	5	8	5	6	5	14	12	7	0	6	7	18	11	7	10	5	0	2	0	0
Feb.,	7.4	4.8	6.6	155.4	298.2	52	7047	W	32	SW	1	0	8	8	3	3	5	12	11	6	0	9	4	15	9	8	7	4	0	4	1	0
Mar.,	6.4	6.3	6.2	194.3	372.8	52	7064	S	32	W	26	0	6	5	10	6	9	9	10	7	0	6	14	11	11	11	4	0	0	0	1	0
Apr.,	7.1	6.4	6.3	221.8	399.9	55	8155	E	37	W	6	0	6	11	16	3	6	9	4	5	0	3	17	10	18	15	4	0	0	0	7	0
May,	6.1	7.2	5.8	260.3	449.0	58	7550	W	40	W	9	1	3	2	15	3	7	13	13	6	0	7	17	7	15	11	0	0	0	0	9	0
June,	4.5	3.9	4.2	327.6	452.0	72	5896	SW	31	S	4	0	9	7	9	5	4	15	4	7	0	15	10	5	6	6	0	0	0	0	3	0
July,	4.5	4.6	4.0	348.6	458.3	76	5590	SW	38	NW	6	0	4	7	4	6	3	19	11	7	1	14	14	3	13	9	0	0	0	0	7	0
Aug.,	3.3	4.5	3.9	306.2	426.9	72	3996	N	26	SW	6	0	17	8	8	1	4	15	4	5	0	17	7	7	9	8	0	0	0	0	2	0
Sept.,	4.7	3.7	3.6	290.1	374.0	78	5617	SW	30	S	29	0	2	4	6	4	14	20	5	5	0	17	9	4	9	6	0	0	0	0	5	0
Oct.,	3.3	2.7	3.7	236.5	344.1	69	6449	SW	28	S	2	0	4	1	6	6	13	19	3	10	0	19	5	7	6	5	0	0	0	1	3	0
Nov.,	8.5	7.0	8.2	61.0	297.0	21	8199	SW	41	SW	11	1	4	1	4	3	16	17	9	6	0	2	7	21	18	13	6	2	0	0	2	0
Dec.,	6.6	6.8	6.5	102.1	287.3	36	8038	SW	42	SW	7	1	4	5	5	6	7	18	12	5	0	9	6	16	10	8	7	2	0	2	0	0
Sum,	69.6	63.6	66.1	2596.7	4455.7	772	80679	a j	a j	a j	a j	3	72	67	91	52	93	180	98	76	1	124	117	124	135	107	38	13	0	9	40	0
Mean,	5.8	5.3	5.5	216.4	371.3	64.3	a	SW	42	SW	Dec 7	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. j One entry only. * From sunrise to sunset.

Standard of normal time in local use, 90 meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	8.7	9.0	9.0	9.1	9.5	9.5	9.2	9.4	9.5	10.0	10.5	10.6	11.2	10.8	10.6	10.0	9.4	8.8	8.8	9.2	9.3	9.0	8.9	8.5	9.5
Feb.,	8.9	9.2	9.5	9.2	9.4	9.6	8.8	9.4	10.2	11.3	12.0	12.9	13.2	13.2	13.3	12.6	11.5	10.0	9.6	9.8	9.9	9.5	9.2	9.5	10.5
Mar.,	7.9	8.5	8.1	8.5	8.5	7.8	8.3	8.7	9.8	10.5	10.9	11.4	11.7	12.1	12.3	11.9	11.4	9.3	8.7	8.7	8.7	8.5	8.0	7.9	9.5
Apr.,	10.0	10.3	9.7	10.3	10.2	9.6	10.5	11.4	12.3	12.6	13.2	13.3	13.8	14.0	13.7	13.3	13.0	11.0	9.9	10.3	9.7	9.9	10.1	9.6	11.3
May,	8.8	8.9	8.4	8.3	8.4	9.2	9.5	10.1	11.2	11.7	11.9	12.5	12.5	12.3	11.9	12.2	11.5	10.3	8.9	8.9	9.1	9.1	9.1	8.9	10.1
June,	6.7	7.0	6.5	6.8	7.0	7.6	8.3	9.3	9.5	9.8	10.4	10.7	10.2	10.6	10.6	10.5	9.7	8.2	6.3	6.2	6.2	5.8	6.2	6.5	8.2
July,	6.3	6.1	5.7	5.5	6.1	6.1	6.7	6.9	8.3	8.9	8.9	9.2	9.3	10.1	10.2	9.5	9.0	8.4	6.6	6.0	6.4	6.5	6.7	6.9	7.5
Aug.,	3.9	4.5	4.3	4.3	4.0	4.4	4.8	5.2	5.7	6.0	6.5	6.7	7.2	7.1	7.4	7.2	7.0	6.3	5.5	4.5	4.4	4.1	4.0	3.9	5.4
Sept.,	6.3	6.6	6.4	6.3	6.5	6.6	6.5	7.6	8.6	9.6	10.4	11.3	11.2	10.7	10.6	9.9	8.1	6.3	5.5	6.0	6.7	6.5	6.3	6.8	7.8
Oct.,	7.8	7.6	7.1	6.9	7.3	7.2	7.3	8.7	9.8	10.1	11.0	11.1	11.4	11.7	11.3	9.6	8.2	6.7	7.3	7.5	8.5	8.2	7.7	8.1	8.7
Nov.,	11.1	11.4	10.5	9.2	9.4	9.9	9.6	10.4	11.0	12.4	13.5	13.4	13.8	13.3	13.0	12.9	10.9	10.7	11.1	12.1	11.5	11.0	11.4	10.8	11.4
Dec.,	10.1	10.5	9.9	9.4	9.1	9.2	9.3	9.8	10.3	10.7	11.9	11.9	12.1	12.3	12.1	11.6	10.7	11.0	11.4	11.5	11.3	11.3	11.2	11.1	10.8
Sum,	96.5	99.6	95.1	93.8	95.4	96.7	98.8	106.9	116.2	125.6	131.1	135.0	137.6	138.2	137.0	131.2	120.4	107.0	99.6	100.7	101.7	97.4	98.8	98.5	110.7
Mean,	8.0	8.3	7.9	7.8	8.0	8.1	8.2	8.9	9.7	10.5	10.9	11.2	11.5	11.5	11.4	10.9	10.0	8.9	8.3	8.4	8.5	8.3	8.2	8.2	9.2

Station *Fort Wayne, Ind.* **Standard of normal time in local use,** *90* **meridian.**

MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)

MONTH.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	FOR THE MONTH.
Jan.,																									
Feb.,																									
Mar.,																									
Apr.,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by *Earle L. Hardy* *Weather Bureau.*

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Standard of normal time in local use, 90" meridian.

MONTH.	WIND—NUMBER OF MILES AND LENGTH OF TIME FROM—																			
	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.
January,	442	63	951	107	447	68	245	38	894	75	1544	148	1944	170	611	74	0	1	7078	744
February,	771	83	1285	85	432	53	134	27	563	59	1500	125	1623	154	739	86	0	0	7047	672
March,	553	64	832	83	634	72	450	74	1577	150	916	93	1423	124	679	84	0	0	7064	744
April,	413	56	1776	131	2315	189	439	63	646	61	1080	98	792	60	694	62	0	0	8155	720
May,	187	32	381	50	1271	129	427	55	561	57	1871	166	1874	173	978	82	0	0	7550	744
June,	699	98	632	85	560	90	522	79	401	49	1801	177	653	70	628	70	0	2	5896	720
July,	418	48	522	83	275	56	202	45	678	91	1446	195	906	111	1143	114	0	1	5590	744
August,	899	176	553	89	293	87	119	30	274	56	1029	159	357	57	472	84	0	6	3996	744
September,	179	34	335	54	204	44	290	53	1564	192	1645	193	1105	105	295	44	0	1	5617	720
October,	606	73	116	18	304	47	306	56	1640	166	1765	197	862	84	850	103	0	0	6449	744
November,	386	41	139	13	413	48	228	38	2066	159	2641	196	1644	137	682	88	0	0	8199	720
December,	190	22	459	45	582	83	246	46	1356	126	2397	189	1874	147	934	86	0	0	8038	744
Sum,	5743	790	7981	843	7730	966	3608	604	12220	1241	19635	1936	15057	1392	8705	977	0	11	80679	8760
Percentage,	7	9	10	10	10	11	4	7	15	14	24	22	19	16	11	11	0	0	100	100
Average hourly velocity,	7.3	a	9.5	a	8.0	a	6.0	a	9.8	a	10.1	a	10.8	a	8.9	a	0	a	9.2	a

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Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 1 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	22	21	18	16	15	15	19	20	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)								.50 0	Ø 0.8	Ø 1.0	Ø 1.0	Ø 1.0
Wind direction	NW	N	N	N	N	N	N	N	N	N	N	N
Wind movement	11	11	8	10	10	8	4	5	6	5	5	5

Sunrise: Time, 7:06 Character, Clear
Moonrise: 4:48a Clear

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	24	24	23	22	21	21	22	21	22	22
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cldy	Cldy			Clear					→
Sunshine (in tenths of hours)	Ø 0.4	0	0	.08 0.1	.38 0							
Wind direction	N	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	5	7	6	7	7	8	9	10	11	11	14

Sunset: Time, 4:23 Character, Clear
Moonset: 2:39p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

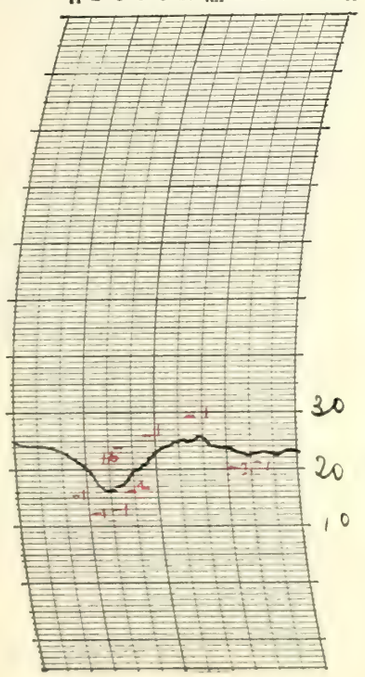
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	15	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 3.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 5.7 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 61
Prevailing wind direction, N Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 11:06 p m.
Reduced barometer, 30.13 7 a. m. 30.08 7 p. m.
River gage, 1.9 feet
Relative humidity, 91 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.1 Wet temperature, 19.2
Dew-point, 14 R. humidity, 72 V. pressure, .077
Clouds: Amount, 3; Kind, a cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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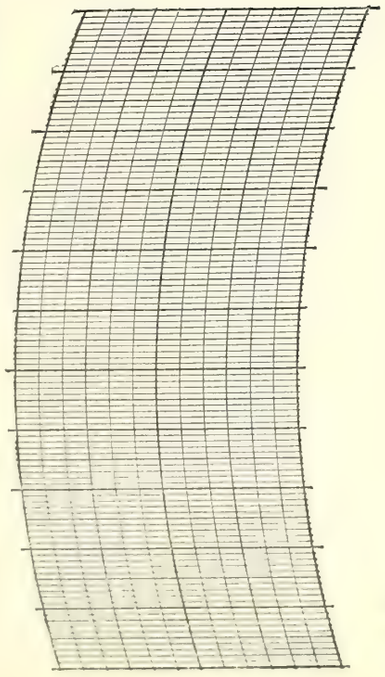

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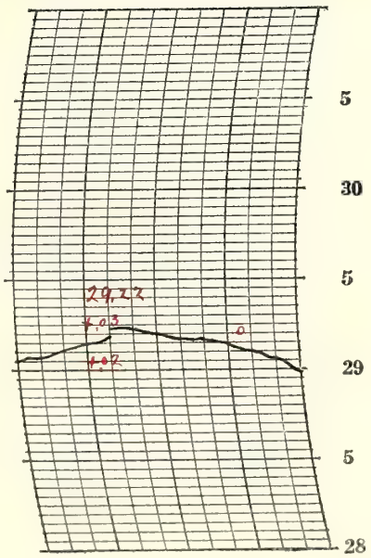


Prepared by OLR

Verified by C. M. McDonough

8—486

NOTES

Snowfall to 7:00 am Trace
Sunshine by observation.
The sky was mostly clear during the forenoon and cloudy to partly cloudy in the afternoon. Some cloudiness continued into the night although it was mostly clear and the stars shone brightly at times.
It was rather cold all day.
The snow was packed into ice on pavements and quite smooth in places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 2 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	22	21	21	22	22	24	24	26	28	30	31	33	35	35	34	33	34	35	35	35	33	33
State of weather: Nature of precipitation and time of beginning and ending																SMB 3:40	SME 5:00	RB 5:00			RE SMB 8:43		SME AN	
Amounts of precipitation																T	T	T	T	T	T	T	T	
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	NW	NW
Wind movement	13	14	14	15	16	15	13	14	15	16	14	9	10	9	14	15	14	12	13	14	15	12	12	9

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 5:53a Cloudy
Sunset: Time, 4:24 Character, Cloudy
Moonset: 3:25p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

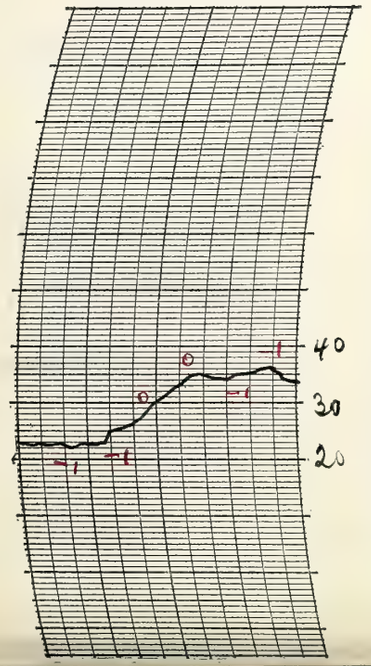
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	21	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 3.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 317
Average hourly velocity, 13.2 Extreme velocity, 22
Maximum velocity, 21 Direction, W
Time began, 2:38 p.m.
Reduced barometer, 29.72 7 a. m. 29.72 7 p. m.
River gage, 1.8 feet
Relative humidity, 90 7 a. m. 87 7 p. m.

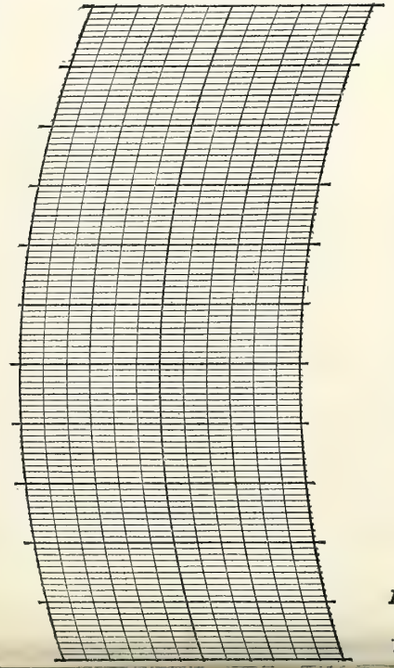
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.7 Wet temperature, 28.2
Dew-point, 26 R. humidity, 84 V. pressure, 1.136
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

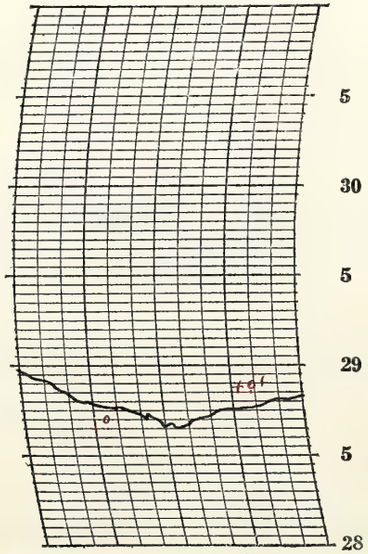
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by G. M. McDonough

NOTES

The sky was heavily clouded all day with light snow and rain in the late afternoon and into the night.

It was cold in the early morning but the temperature rose and stood slightly above the freezing point during the afternoon and night.

The snow was packed into ice on pavements and quite smooth in places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 3 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	32	32	32	33	33	33	34	35	35	36	38	38	37	36	35	35	35	35	34	33	34
State of weather: Nature of precipitation and time of beginning and ending																					RB 8:20			
Amounts of precipitation																							T	
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	SW	SW	SW	SE	S	S	S	S	S	SE	SE	SE	SE	E	E	E	E	E
Wind movement	8	8	6	6	5	4	3	5	6	5	10	8	9	10	8	6	6	5	5	4	3	3	2	2

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 6:57a Cloudy

Sunset: Time, 4:25 Character, Cloudy
Moonset: 4:21p Cloudy

Fog Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	32	35	

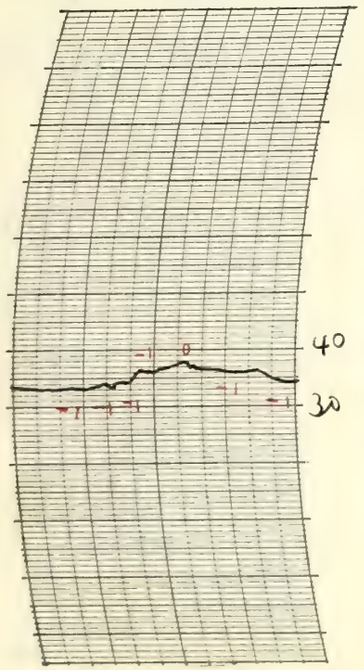
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase New-2:28p
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 137
Average hourly velocity, 5.7 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 1:47 p.m.
Reduced barometer 29.87 7 a. m. 29.55 7 p. m.
River gage, 2.2 feet
Relative humidity, 84 7 a. m. 82 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 35.1 Wet temperature, 33.3
Dew-point, 30 R. humidity, 84 V. pressure, 1.64
Clouds: Amount, 3; Kind, St. Fog Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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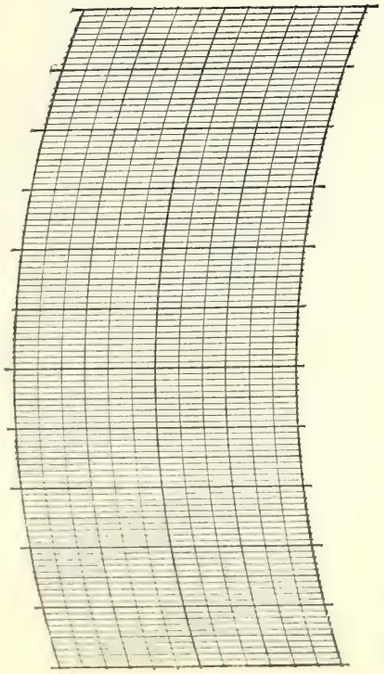
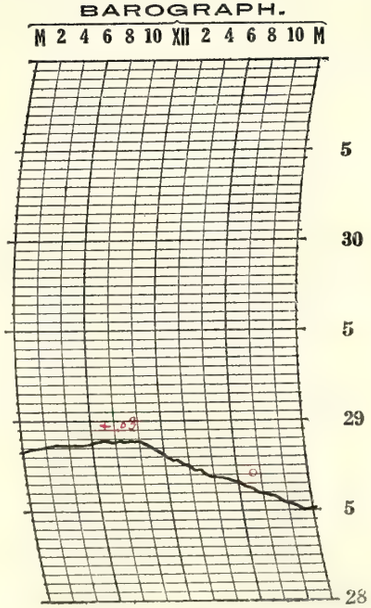


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

*Estimated.

Snowfall to 7:00 am Trace
Light fog began 7:30 am and ended 2:45 p.m. The sky remained heavily clouded most of the day. Light rain at night.
Moderate temperatures. Streets were rather slippery in the morning but later in the day it melted considerably and streets were wet and slushy.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	35	36	35	35	35	35	35	35	35	35	35	35	35	35	36	36	37	36	36	35
State of weather: Nature of precipitation and time of beginning and ending								RE 8:00																
Amounts of precipitation				.01°				T																
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	5	12	14	15	15	14	16	16	15	15	13	13	15	16	14	16	17	13	16	19	15	15	16	16
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudy

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 7:55a Cloudy

Sunset: Time, 4:26 Character, Cloudy

Moonset: 5:25p Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	34	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1° inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 351

Average hourly velocity, 14.6 Extreme velocity, 27

Maximum velocity, 25 Direction, NW

Time began, 6:52 p m

Reduced barometer, 29.957 7 a. m. 29.707 7 p. m.

River gage, 2.1 fees

Relative humidity, 95 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

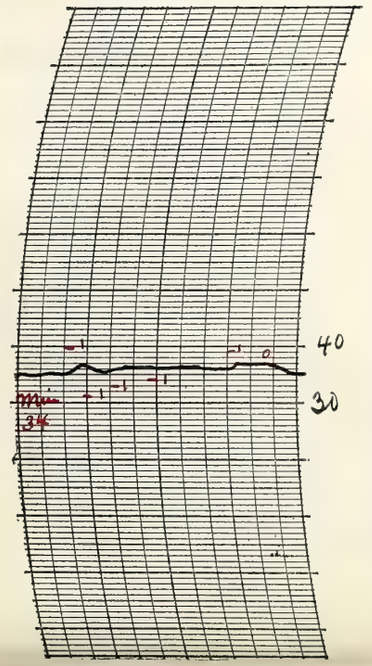
Dry temperature, 35.4 Wet temperature, 33.3

Dew-point, 30 R. humidity, 81 V. pressure, .164

Clouds: Amount, 10; Kind, St; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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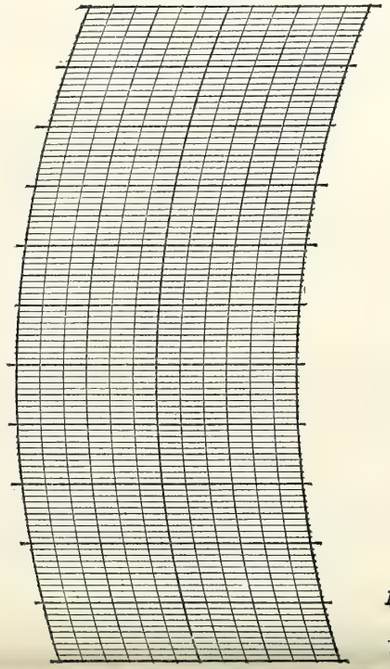
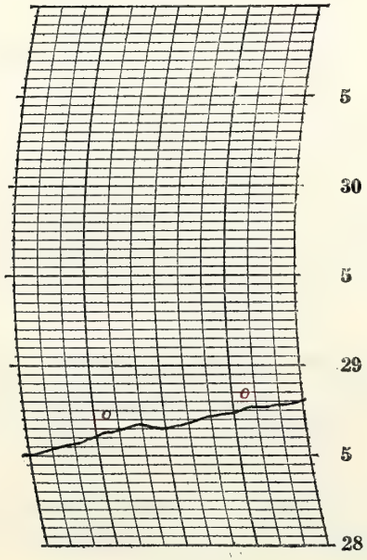


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

° Estimated

A light rain continued until 8:00 am and the sky remained cloudy all day and into the night.

Temperatures above freezing all day. Strong westerly wind.

The streets were wet, with soft snow and ice in places.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 5 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	34	34	33	32	32	34	35	36	37	37	36	33	32	31	31	31	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cldy				X Pt cldy	X	Cldy	X	Clear		X Pt cldy		X		Cloudy							

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 8:46a Cloudy

Sunset: Time, 4:27 Character, Cloudy
Moonset: 6:36p Cloudy

Sunshine (in tenths of hours)								0	0	0.6	1.0	1.0	0.3	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	W	W	W	W	W	W
Wind movement	16	14	13	14	14	15	17	16	18	17	18	18	17	18	17	16	15	14	15	14	13	12	14	13
Maximum velocities (exceeding 20 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

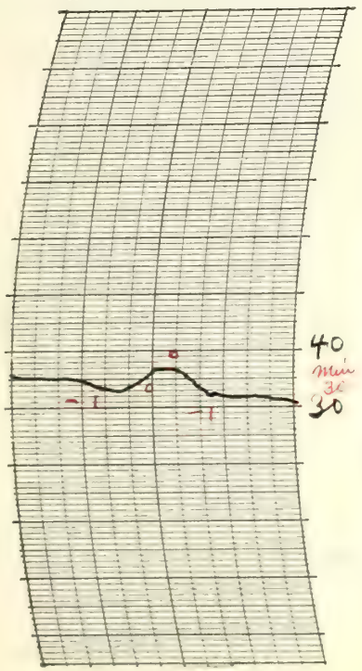
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	30	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.9 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 31
Prevailing wind direction, W Total wind, 368
Average hourly velocity, 15.3 Extreme velocity, 25
Maximum velocity, 24 Direction, W
Time began, 11:43 am
Reduced barometer, 29.85 7 a. m. 29.85 7 p. m.
River gage, 2.2 feet
Relative humidity, 57 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 36.2 Wet temperature, 31.2
Dew-point, 23 R. humidity, 56 V. pressure, .118
Clouds: Amount, 1; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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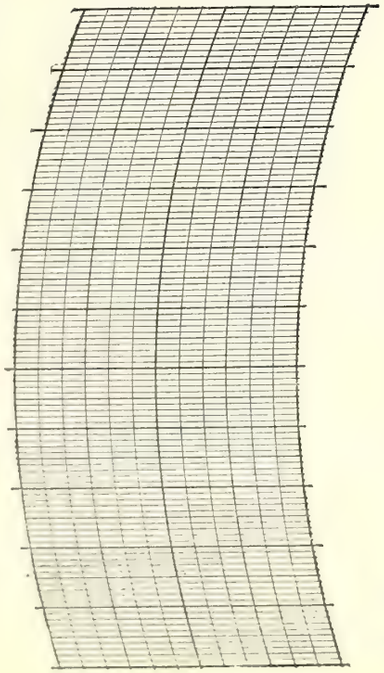
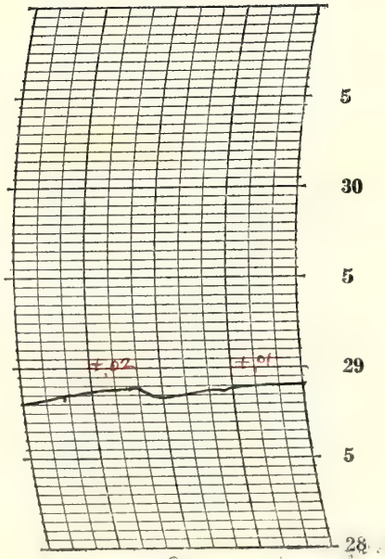


BAROGRAPH.



Prepared by O.R.

Verified by P. M. C. Donovan

8—486

NOTES

° Sunshine by observation.
The day was partly cloudy with sunshine for a while during the middle of the day. Mostly cloudy during the afternoon and into the night. Strong westerly wind.
The temperature remained mostly above freezing until evening and then below freezing into the night. Slushy snow and ice on most streets.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 6 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	28	27	27	27	27	27	28	28	28	28	28	29	29	27	25	24	23	23	25	25	24
State of weather: Nature of precipitation and time of beginning and ending													SMB 12:45		SME 2:50									
Amounts of precipitation													T	T	T									
Cloudiness and other conditions											Cloudy						X Hzy	X	Cloudy		X Cldy		T	

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 9:29a Cloudy

Sunset: Time, 4:28 Character, Clear

Moonset: 7:49p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0 0.2	0 4.7							
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	NW	N	N
Wind movement	11	10	11	10	11	10	10	12	12	12	12	13	13	13	13	12	12	11	9	9	10	10	10	7

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	23	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0.8 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.7 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 7

Prevailing wind direction, NW Total wind, 263

Average hourly velocity, 11.0 Extreme velocity, 19

Maximum velocity, 18 Direction, NW

Time began, 7:58 am

Reduced barometer, 29.94 7 a. m. 30.10 7 p. m.

River gage, 2.2 feet

Relative humidity, 69 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

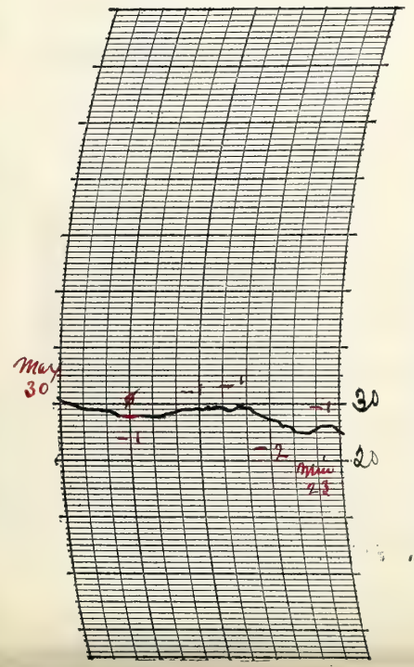
Dry temperature, 28.0 Wet temperature, 25.3

Dew-point, 20 R. humidity, 69 V. pressure, 10.3

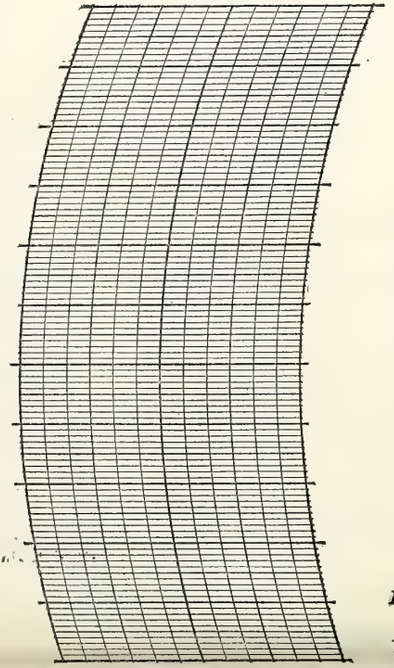
Clouds: Amount, 10; Kind, St; Direction, NW

Velocity of clouds (miles per hour)

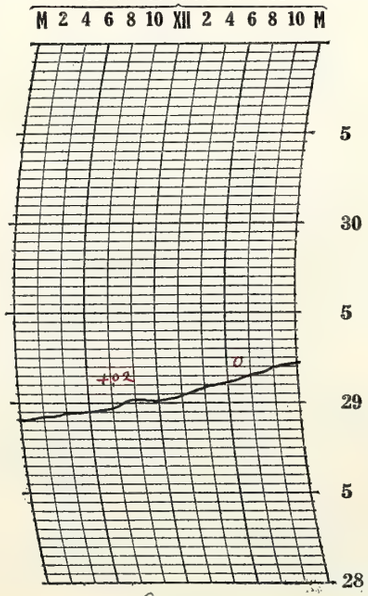
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough

NOTES

The sky remained mostly cloudy until late afternoon. Light snow flurries occurred in the afternoon. It cleared off in the evening and for a while the sky was cloudless. Cloudy later at night.

The temperature remained below freezing all day. Ice on streets in many places.

* Thermograph clock stopped; record interpolated.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 7 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	22	22	22	22	22	23	24	26	26	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear	×	Pt cldy	×	Cldy	×	Pt cldy
Sunshine (in tenths of hours)								0.6 0	0.2 0.8	0 0.8	0 0.5	0
Wind direction	N	N	NW	NW	W	NW	N	N	NW	N	N	N
Wind movement	6	5	6	5	7	6	5	4	4	5	6	7

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	28	27	26	26	26	26	26	25	25	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×	Pt cldy	×					Cloudy				→
Sunshine (in tenths of hours)	0	0 0.5	0	0	0							
Wind direction	N	N	NE	NE	NE	NE	SE	SE	SE	E	E	E
Wind movement	7	5	6	3	4	4	3	4	5	4	6	5

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 10:06 a Cloudy

Sunset: Time, 4:29 Character, Cloudy

Moonset: 9:02 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	22	25	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 3.4 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 36

Prevailing wind direction, N Total wind, 122

Average hourly velocity, 5.1 Extreme velocity, 9

Maximum velocity, 9 Direction, N

Time began, 11:15 am

Reduced barometer, 30.32 7 a. m. 30.40 7 p. m.

River gage, 2.1 fall

Relative humidity, 74 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

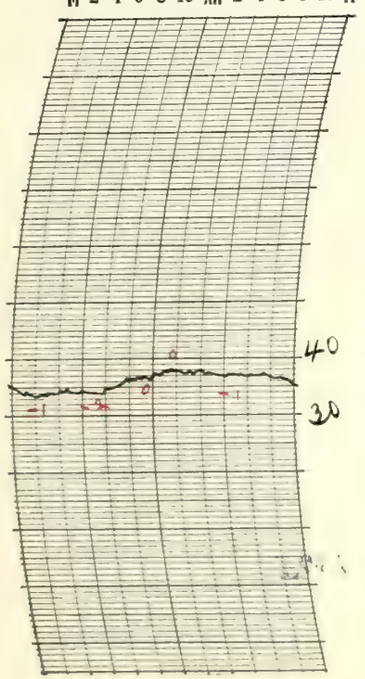
Dry temperature, 26.1 Wet temperature, 22.8

Dew-point, 15 R. humidity, 60 V. pressure, .081

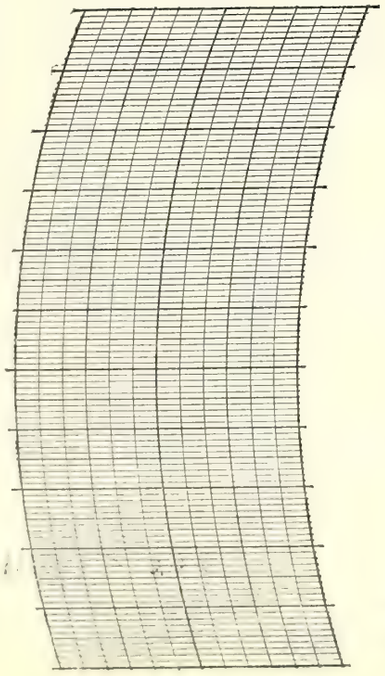
Clouds: Amount, 10; Kind, Stcu; Direction, NW

Velocity of clouds (miles per hour)

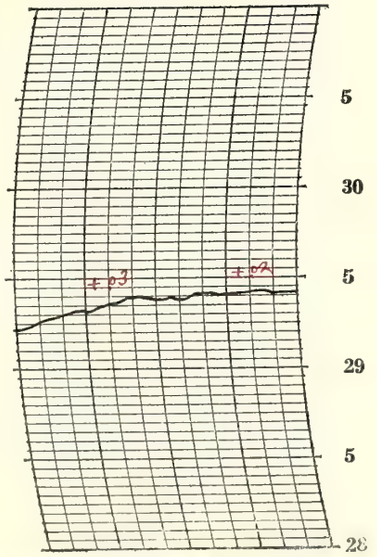
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CER

Verified by P M Donough

8—480

NOTES

Sunshine by observation.
The cloudiness varied considerably from time to time and the day as a whole was partly cloudy. Mostly cloudy into the night.
Temperatures continued somewhat below freezing all day. Ice on some pavements.

Solar halo, 22 pts diam observed 2:30 p.m. to about 3:20 p.m. Colored red above sun

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 8 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	22	22	21	21	21	21	22	23	24	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)								0	0	0.3	0.8	0
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	E
Wind movement	6	7	6	5	5	6	7	8	8	10	11	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	26	25	25	24	24	24	23	23	22	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	9	7	8	9	6	7	5	6	7	6	6	4

Cloudy

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 10:39a Cloudy

Sunset: Time, 4:30 Character, Cloudy

Moonset: 10:15p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	20	23	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.1 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 12

Prevailing wind direction, E Total wind, 168

Average hourly velocity, 7.0 Extreme velocity, 13

Maximum velocity, 13 Direction, E

Time began, 9:17 am

Reduced barometer, 30.367 a. m. 30.207 p. m.

River gage, 2.2 feet

Relative humidity, 70 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

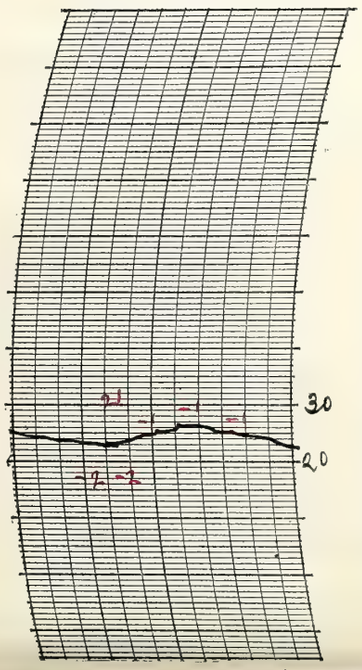
Dry temperature, 24.1 Wet temperature, 21.2

Dew-point, 14 R. humidity, 63 V. pressure, .077

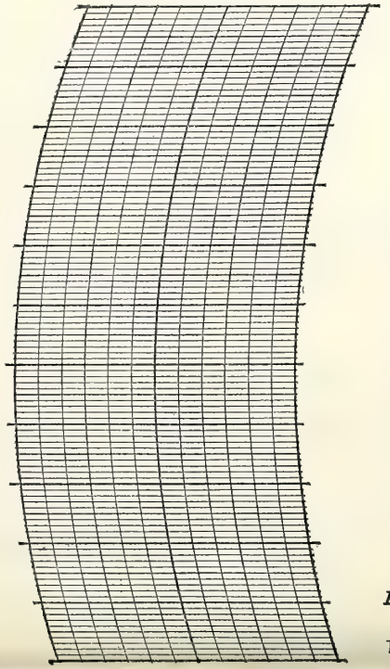
Clouds: Amount, 9; Kind, ast; Direction, SW

Velocity of clouds (miles per hour)

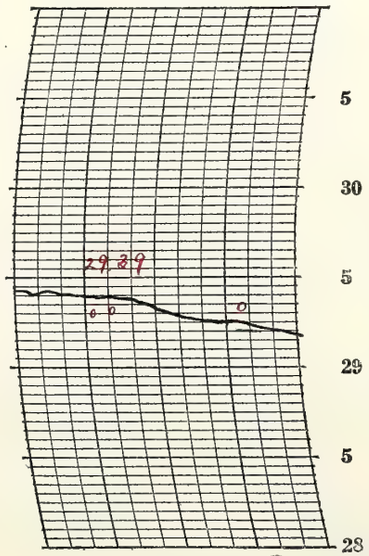
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.A.R.

Verified by P. McDonough

8—486

NOTES

Sunshine by observation.

The sky was mostly cloudy all day and into the night. The sun shone for a short while in the forenoon.

The temperature remained somewhat below freezing all day.

Ice on pavements in places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 9 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	20	19	19	19	19	20	20	21	23	25
State of weather: Nature of precipitation and time of beginning and ending								89R 7:45				
Amounts of precipitation								T	T	T	T	T
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	SE	E	E	E	E	SE	SE	E	E	E	E
Wind movement	5	5	5	5	5	5	4	3	5	6	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	26	27	26	25	23	22	22	21	21	21	20
State of weather: Nature of precipitation and time of beginning and ending												Cont'd
Amounts of precipitation	T	T	T		.05					0 .05		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	7	6	6	7	6	8	8	8	8	9

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 11:09a Cloudy
Sunset: Time, 4:31 Character, Cloudy
Moonset: 11:27p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

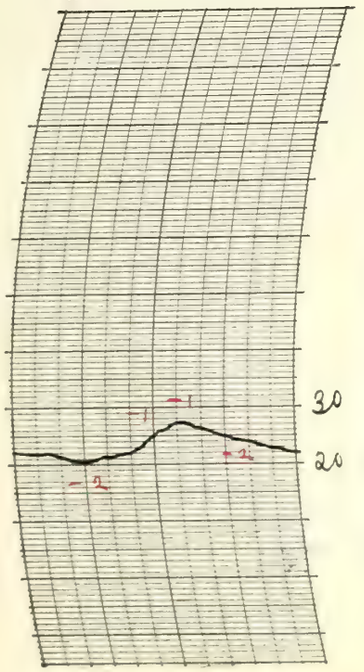
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	19	23	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 141
Average hourly velocity, 5.9 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 10:52 p.m.
Reduced barometer, 30.02 7 a. m. 29.98 7 p. m.
River gage, 2.1 feet
Relative humidity, 88 7 a. m. 97 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 24.6 Wet temperature, 23.3
Dew-point, 21 R. humidity, 83 V. pressure, .108
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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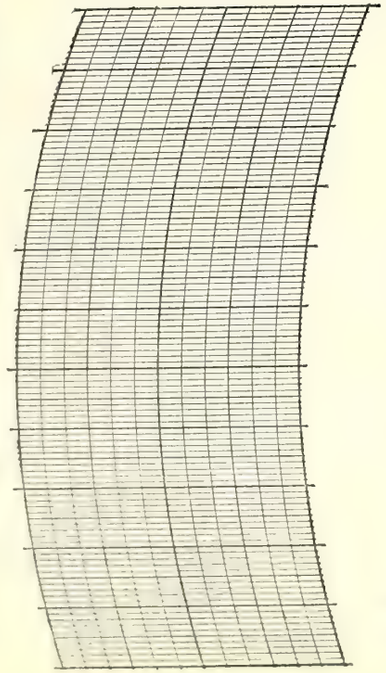
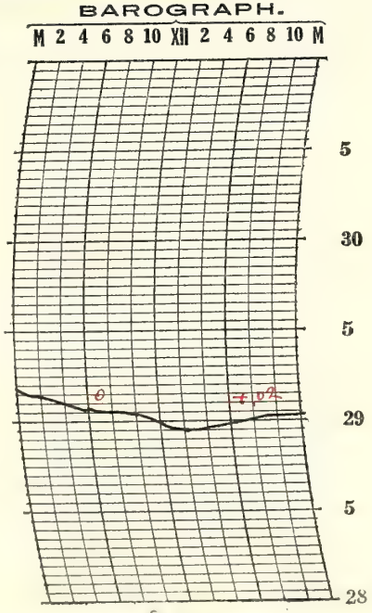


BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

8—486

NOTES

o Estimated

A light snow began at 7:45 am and continued into the night. Only a trace fell up to 3:00 p.m. but after that time it was somewhat heavier.

Temperatures below freezing all day and it was rather cold in the early morning and late at night.

Ice on pavements worn very smooth in places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 10 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	18	18	17	16	16	16	15	19	22	23
Nature of precipitation and time of beginning and ending		SdE DN										
Amounts of precipitation	Ø T	Ø T										
Cloudiness and other conditions												
Sunshine (in tenths of hours)								0	× 0.5	× 1.0	× 1.0	× 1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	6	6	6	7	8	7	7	8	7	11	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	26	27	27	26	25	24	24	23	22	20	18
Nature of precipitation and time of beginning and ending				SdB 3:50	SdE 4:30							
Amounts of precipitation				T	T							
Cloudiness and other conditions				× Pt Cldy		× Cldy		× Pt Cldy				
Sunshine (in tenths of hours)	× 1.0	× 1.0	× 1.0	× 0.3	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	11	9	8	6	7	6	5	5	6	6	5	4

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 11:39a Clear

Sunset: Time, 4:32 Character, Cloudy
Moonset:

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

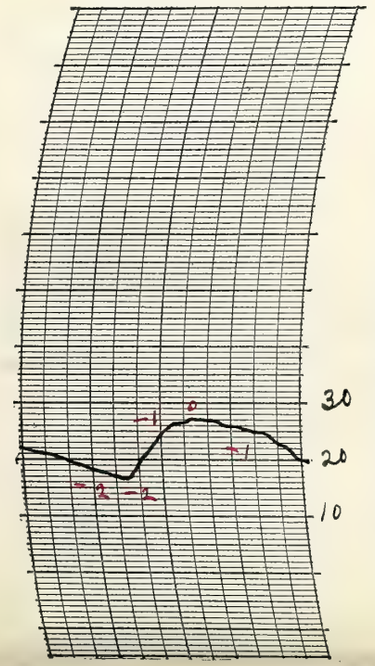
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	15	21	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0.5 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, First Quarter 8:43 am
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.8 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 72
Prevailing wind direction, N-NE Total wind, 169
Average hourly velocity, 7.0 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 10:53 am
Reduced barometer, 30.127 a. m. 30.27 7 p. m.
River gage, 2.0 feet
Relative humidity, 86 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.3 Wet temperature, 21.1
Dew-point, 16 R. humidity, 71 V. pressure, .085
Clouds: Amount, ~~Fair~~; Kind, Ci St + Cu St; Direction, ~~N E~~ W
Velocity of clouds (miles per hour)

THERMOGRAPH



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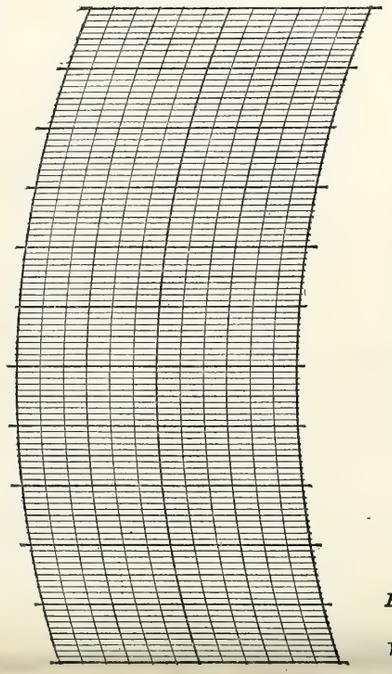
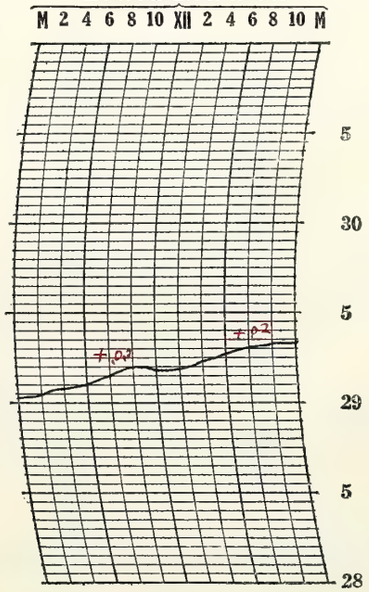


BAROGRAPH.



Prepared by O.W.R.

Verified by P. M. Donough

8—486

NOTES

*Estimated
Snowfall to 7:00 am. 0.5
×By observation
Light snow occured in the early morning and a very light flurry in the late afternoon. The sky was mostly clear between 8:30 am and 3:20 p.m. Some cloudiness continued into the night with pale moonlight at intervals. Lunar corona observed about 9:00 p.m.
Temperatures below the seasonal average.
Snow packed solid on pavements.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	16	16	18	17	17	18	19	20	21	25	24	24	25	25	24	22	21	20	19	17	14	11	12
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			? clear ?		×		Cloudy	×				Pt	cldy	×						Clear				
Sunshine (in tenths of hours)								0	0 0.4	0 0.4	0 0.6	0 0.6	0 0.5	0 0.5	0 0.7	0 0.6	5 0							
Wind direction	N	N	N	N	N	N	N	N	N	NE	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	6	4	4	3	4	5	5	4	5	8	10	10	11	9	9	10	10	11	10	9	9	9

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 12:08p Cloudy
Sunset: Time, 4:33 Character, Clear
Moonset: 12:38a Cloudy ?

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	10	18	

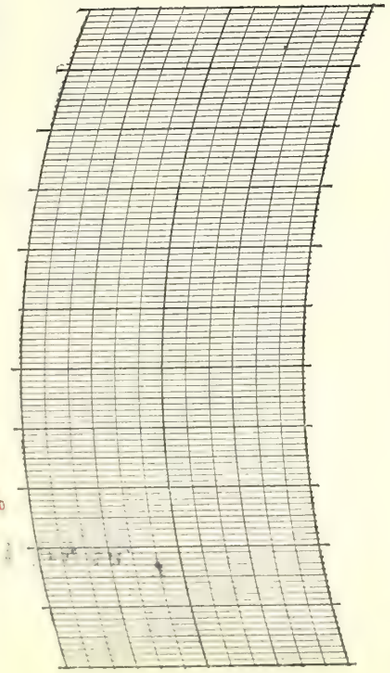
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.2 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 55
Prevailing wind direction, SW Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 2:10 p m
Reduced barometer, 30.39 7 a. m. 30.38 7 p. m.
River gage, 2.1 fall
Relative humidity, 90 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

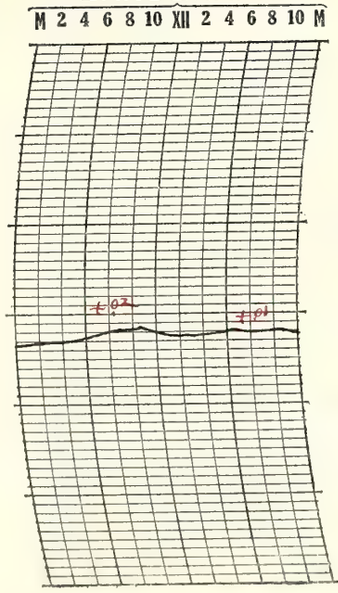
Dry temperature, 24.3 Wet temperature, 21.7
Dew-point, 16 R. humidity, 67 V. pressure, 0.85
Clouds: Amount, 4; Kind, a cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH

THERMOGRAPH



BAROGRAPH.



Prepared by WER

Verified by C. M. Donough

8—486

NOTES

Sunshine by observation.
A deposit of frost indicated that the sky had been clear in the early morning but it was overcast about 5:00 am and the day as a whole was partly cloudy. Cloudless during the late afternoon and into the night. Moonlight.
It was rather cold most of the day altho the snow melted slightly in the Sun. Snow on pavements packed into ice.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	12	12	13	14	15	17	19	20	22	24	25	28	29	29	28	27	28	29	29	27	27	28
State of weather: Nature of precipitation and time of beginning and ending																						SNB 9:00		
Amounts of precipitation																							0 .18	
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)								0	0	0.6	1.0	1.0	0.5	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SE	SE	S	S	S	S	S
Wind movement	8	8	9	8	10	10	12	11	12	13	16	16	15	14	12	11	8	9	8	10	11	10	8	6

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 12:39p Cloudy

Sunset: Time, 4:34 Character, Cloudy
Moonset: 1:47a Clear?

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

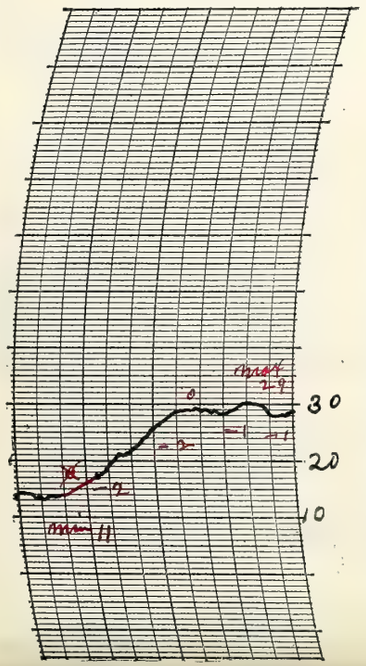
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	11	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, 1.5 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.1 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 33
Prevailing wind direction, S Total wind, 255
Average hourly velocity, 10.6 Extreme velocity, 21
Maximum velocity, 19 Direction, S
Time began, 10:40 am
Reduced barometer, 30.37 7 a. m. 30.27 7 p. m.
River gage, 1.9 fall
Relative humidity, 93 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 23.5 Wet temperature, 20.9
Dew-point, 15 R. humidity, 66 V. pressure, .081
Clouds: Amount, 8; Kind, ast; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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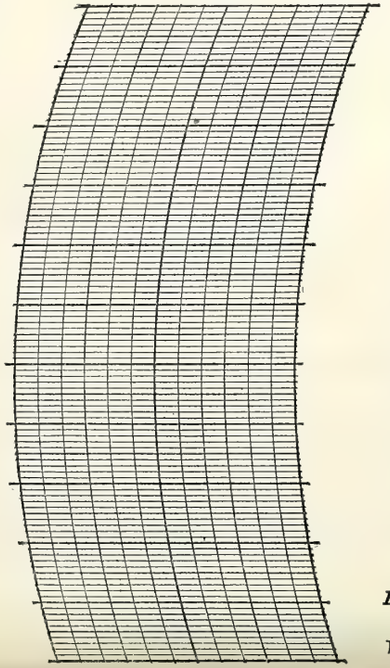
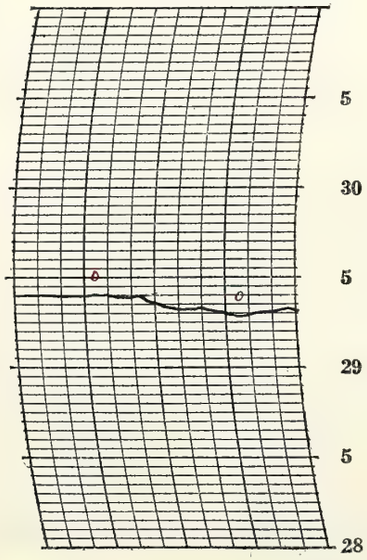


BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough

8—486

NOTES

o Estimated

The sky was mostly cloudy all day but sunshine was recorded through alto-stratus clouds during the middle of the day. Moderate snowfall at night.

It was cold in the early morning but the temperature rose steadily and late in the afternoon and at night was only a few degrees below freezing. Moderate winds from the South and southwest.

Packed snow and ice on pavements.

Solar halo 22° radius, observed at 9:45 am, last visible about 1:00 p.m.

* Thermograph clock stopped, record interpolated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	31	31	32	32	32	32	32	33	33	32
State of weather: Nature of precipitation and time of beginning and ending	Sm cont'd											
Amounts of precipitation			.05								.24	
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character,	7:05 Cloudy											
Moonrise:	1:14 p Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	8	11	10	10	10	10	8	8	7	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	32	31	31	31	31	23	20	18
State of weather: Nature of precipitation and time of beginning and ending									Sm E DN			
Amounts of precipitation				.30				.08				
Cloudiness and other conditions												
Sunset: Time, Character,									4:35 Cloudy			
Moonset:									2:53 a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	SE	SE	0	SE	NE	N	N	N
Wind movement	12	10	7	1	3	3	0	2	4	7	8	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

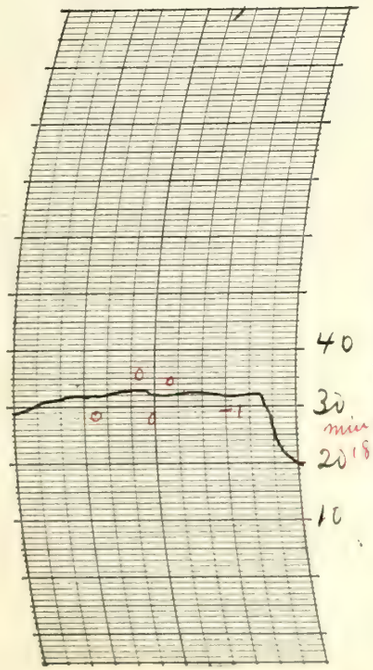
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	18	26	

Total depth of snow for 24 hours ending 7 p. m., 7.5 inches.
Snow, sleet, and hail on ground 7 p. m., 8.8 inches.
Total snowfall, midnight to midnight, 6.8 inches.
Precipitation to 7 a. m.; .23 ins.; to 7 p. m., .54 ins.
Total precipitation, midnight to midnight, .67 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 170
Average hourly velocity, 7.1 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 2:35 am
Reduced barometer, 30.27 7 a. m. 30.11 7 p. m.
River gage, 2.0 feet
Relative humidity, 100 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.7 Wet temperature, 31.7
Dew-point, 32 R. humidity, 100 V. pressure, .180
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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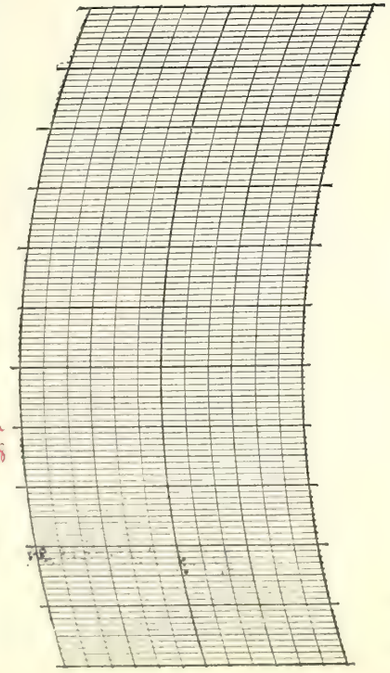
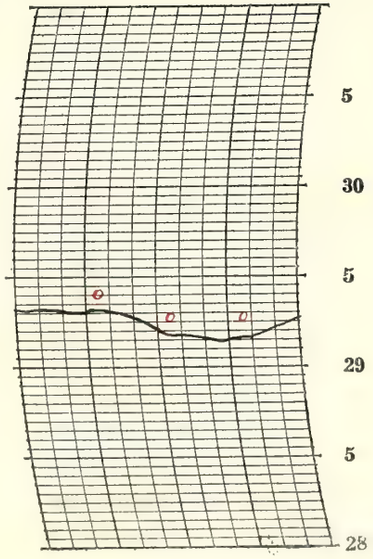


BAROGRAPH.



Prepared by O.E.P.

Verified by C. M. Hourigh

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NOTES

Snowfall to 7:00 am 2.0 inches
Estimated
Snowfall 7:00 am to 1:00 p.m. 2.5 inches
Chicago called for 2 p.m. (75th MT) special observation.
A heavy snowfall occurred during the day. The snow was moist and stuck to roofs, trees, wires, etc. On the streets it was packed solid where the traffic was heavy; at other places it piled up rapidly and interfered with traffic somewhat.
The temperature remained near the freezing point until about 9:00 p.m. after which it fell rapidly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	15	14	13	14	14	15	16	17	19	19	18
State of weather: Nature of precipitation and time of beginning and ending								SPG 7:35				
Amounts of precipitation											.01	
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 7:04 Character, Cloudy												
Moonrise: 1:54p Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	N	N	N	N	N	N	N	NW	NW	NW	NW	NW
Wind movement	9	8	8	6	4	3	3	5	5	7	6	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	17	13	11	9	5	4	3	1	0	-1
State of weather: Nature of precipitation and time of beginning and ending					SPE 4:30			SPB 7:10	SPE 8:30			
Amounts of precipitation								T	T			
Cloudiness and other conditions	Pt Cloudy				Cldy		Pt Cldy		Clear			
Sunset: Time, 4:36 Character, Cloudy												
Moonset: 4:03 a Cloudy												
Sunshine (in tenths of hours)	0.5	0.6	0.8	0.1	0							
Wind direction	NW	W	NW	NW	W	W	W	W	W	W	W	W
Wind movement	14	15	14	14	14	12	11	10	10	8	8	7

Maximum velocities (exceeding ~~29~~ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

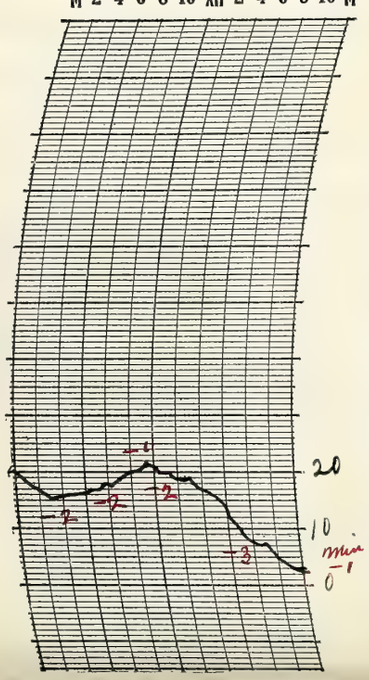
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	-1	10	

Total depth of snow for 24 hours ending 7 p. m., 0.9 inches.
Snow, sleet, and hail on ground 7 p. m., 9.7 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 21
Prevailing wind direction, W Total wind, 211
Average hourly velocity, 8.8 Extreme velocity, 29
Maximum velocity, 19 Direction, W
Time began, 4:15 p.m.
Reduced barometer, 30.43 7 a. m. 30.51 7 p. m.
River gage, 2.1 feet
Relative humidity, 93 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 12.9 Wet temperature, 17.6
Dew-point, 17 R. humidity, 95 V. pressure, 0.89
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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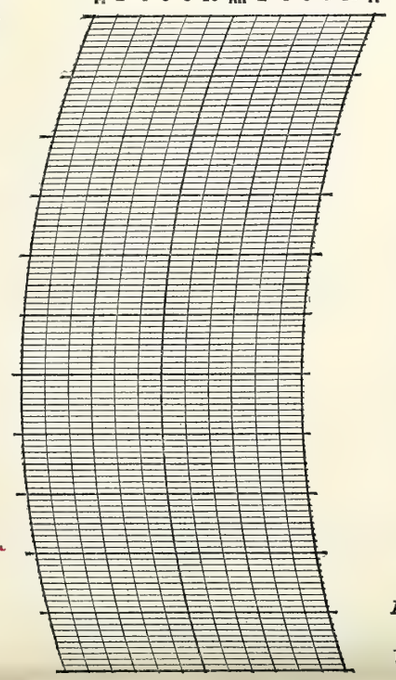
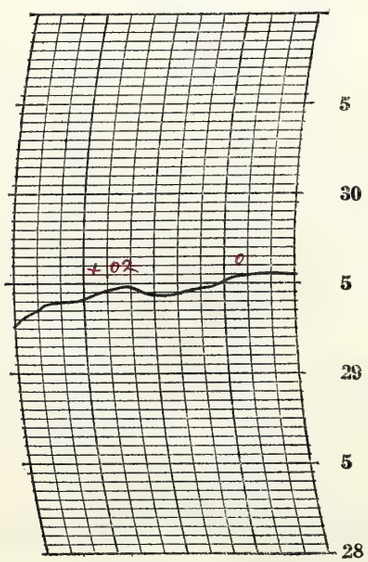


BAROGRAPH.



Prepared by O.A.R.

Verified by P.M. Donovan

8—486

NOTES

Snowfall to 7 am. 0.8
Snow flurries occurred during the greater part of the day but the total snowfall was only one hundredth of an inch melted. Mostly clear into the night with moonlight.
The weather was cold and disagreeable.
Snow packed solid on most pavements.
Technical Cold Wave from 7 p.m. of 13th to 7 p.m. of 14th.
Solar corona observed 12:12 p.m. to 12:16 p.m. and at short intervals later. Corona colored red on outer edge.
Sunshine was recorded through the thin snow clouds at times during afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 15 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	0	-1	-2	-4	-4	-5	-5	-3	0	3	6	8	12	10	11	9	6	3	1	0	0	-2	-3
State of weather: Nature of precipitation and time of beginning and ending															SPB 2:20 SPE 2:40									
Amounts of precipitation															T									
Cloudiness and other conditions		?	Clear				X	Cloudy	X	Pt Cldy	Cldy	Cldy	X	Pt Cldy		X		Clear					>	

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 2:40p Cloudy

Sunset: Time, 4:37 Character, Cloudy
Moonset: 5:07a Clear?

Sunshine (in tenths of hours)								0	0	0.1	0.8	1.0	1.0	1.0	0.4	0.5 (0.5)	0 (0.2)							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	8	8	9	6	5	5	7	5	6	7	7	8	8	8	6	6	7	8	8	9	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

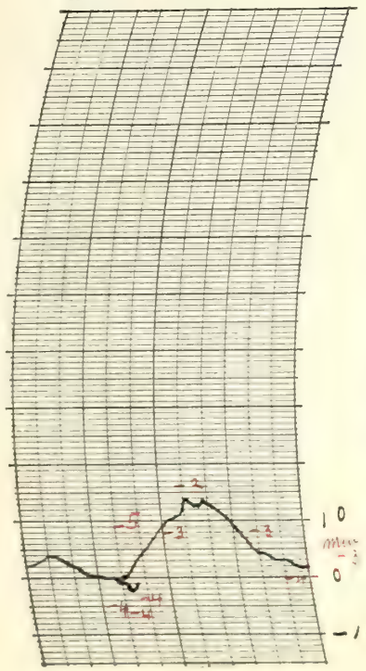
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
12	-6	3	

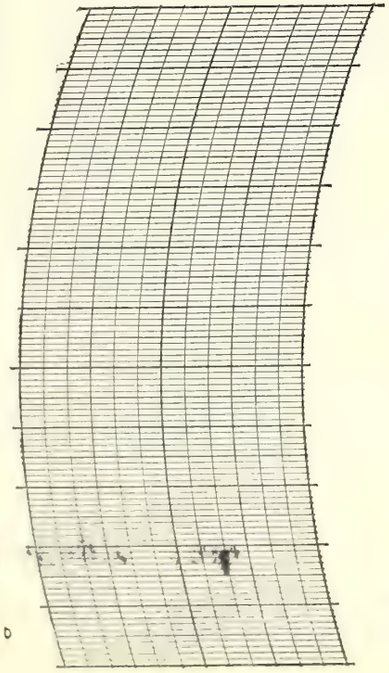
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 9.7 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.5 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 57
Prevailing wind direction, W Total wind, 170
Average hourly velocity, 7.1 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 6:08 p.m.
Reduced barometer, 30.63 7 a. m. 30.51 7 p. m.
River gage, 2.0 fall
Relative humidity, 100 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 5.5 Wet temperature, 5.0
Dew-point, 3 R. humidity, 87 V. pressure, .044
Clouds: Amount, 8; Kind, A cu; Direction, NW
Velocity of clouds (miles per hour)

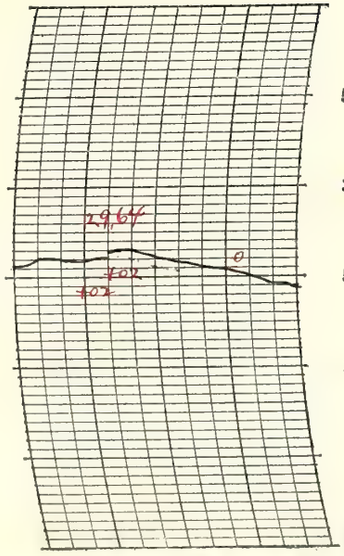
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES

Snowfall to 7 am Trace.
The amount of cloudiness varied considerably from time to time. A light snow flury occurred in the afternoon. The sky was cloudless into the night with bright moonlight.
A minimum temperature of 6.5 degrees below zero occurred about 7:15 am. It was very cold all day. Packed snow on pavements.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-3	-2	-1	0	1	3	5	8	10	13	15	16
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Cloudy		
Sunshine (in tenths of hours)								0	0	0.3	0.1	1.0
Wind direction	W	W	W	W	W	W	W	S	S	S	S	S
Wind movement	7	8	8	10	11	14	14	15	16	16	17	21

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	19	20	20	21	21	19	18	17	16	16	16
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Partly				Clear					
Sunshine (in tenths of hours)	0.3	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	19	15	12	13	10	10	8	8	9	9	9	10

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 3:32p Cloudy

Sunset: Time, 4:39 Character, Cloudy
Moonset: 6:07a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

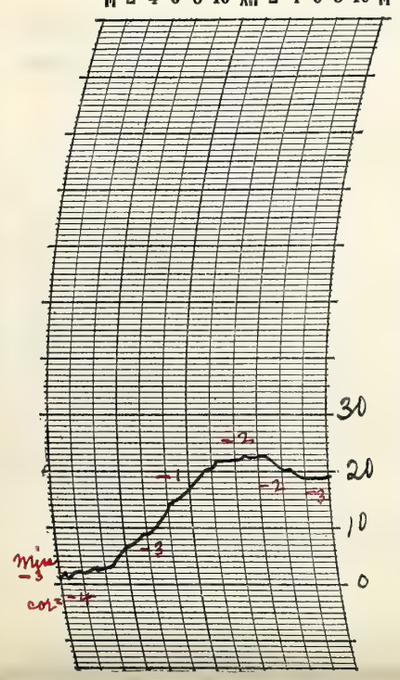
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	-3	9	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 9.7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.7 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 18
Prevailing wind direction, S Total wind, 289
Average hourly velocity, 12.0 Extreme velocity, 25
Maximum velocity, 23 Direction, S
Time began, 11:10 am
Reduced barometer, 30.30 7 a. m. 30.03 7 p. m.
River gage, 1.8 feet
Relative humidity, 92 7 a. m. 67 7 p. m.

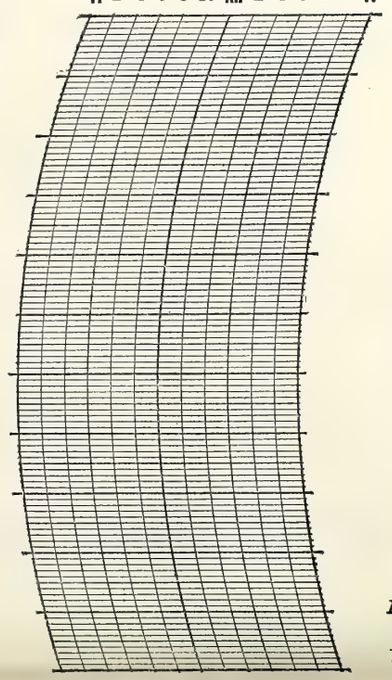
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 15.8 Wet temperature, 13.8
Dew-point, 8 R. humidity, 66 V. pressure, .057
Clouds: Amount, ; Kind, ; Direction,
Velocity of clouds (miles per hour)

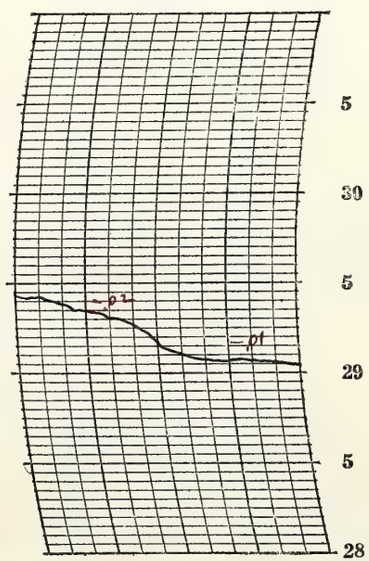
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OLK.

Verified by P. McDonough

8—486

NOTES

The sky remained mostly overcast the greater part of the day. Sunshine was recorded through the upper clouds at times. The clouds disappeared entirely after sunset and it remained cloudless into the night. Bright moonlight.

It was quite cold in the early morning but warmed up some during the day. The packed snow and ice on the pavements was worn smooth in places.

Solar halo, 22° radius, observed 9:00 am. to 11:20 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 17 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	19	22	24	24	23	23	23	24	25	27	29	31	33	35	34	32	30	30	29	27	27	26	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			X		Cloudy			X			Clear							X		Pt cloudy				X
Sunshine (in tenths of hours)								0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.3							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW
Wind movement	9	9	8	10	11	9	8	8	7	8	9	8	10	9	8	8	6	6	5	5	4	3	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: 4:28p Cloudy
Sunset: Time, 4:40 Character, Cloudy
Moonset: 6:59a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

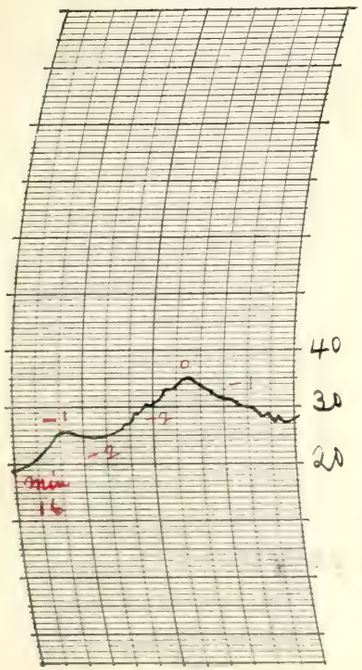
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	16	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 8.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full 4:27 p m
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.5 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 78
Prevailing wind direction, SW Total wind, 174
Average hourly velocity, 7.2 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 4:17 am
Reduced barometer, 30.107 a. m. 30.207 p. m.
River gage, 1.8 fall
Relative humidity, 79 a. m. 72 p. m.

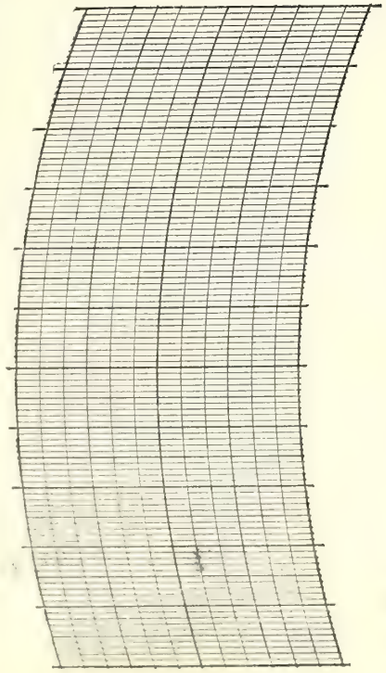
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.1 Wet temperature, 25.6
Dew-point, 21 R. humidity, 71 V. pressure, 108
Clouds: Amount, 2; Kind, a st; Direction, SW
Velocity of clouds (miles per hour)

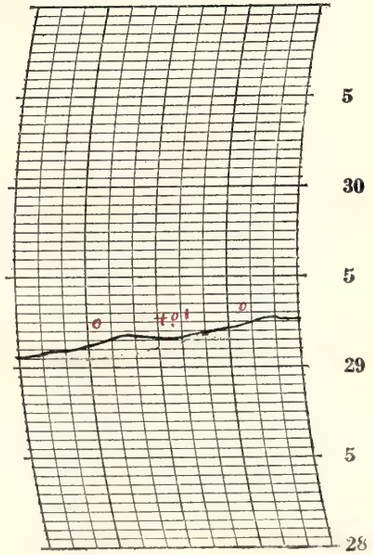
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by P. McDonough

8—486

NOTES

The sky was cloudy in the early morning, but mostly clear through the day. Partly cloudy at night. The light of the full moon was dimmed by thin upper clouds.

The temperature was above freezing for a while during the afternoon and some thawing occurred. Packed snow and ice on pavements.

Chicago called for 1:00 p m (75 MT) special observation.

Cold wave warning for Tuesday received 8:50 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	25	25	24	26	26	26	26	27	27	27	27	28	28	28	29	29	28	28	29	29	29	30
State of weather: Nature of precipitation and time of beginning and ending						SmB DN											SmE 4:30	SmB 5:50		SmE RB 7:10				
Amounts of precipitation						T	T					.23				T	T	T	T	T	T	T	Ø T	Ø T
Cloudiness and other conditions																								

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: 5:27p Cloudy
Sunset: Time, 4:41 Character, Cloudy
Moonset: 7:43a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	N	E	E	NE	E	E	E	NE	NE	NE	NE	NE	E	E	E	NE	E	E	E
Wind movement	2	1	3	4	7	9	8	11	10	13	13	11	12	14	11	11	9	8	8	6	5	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

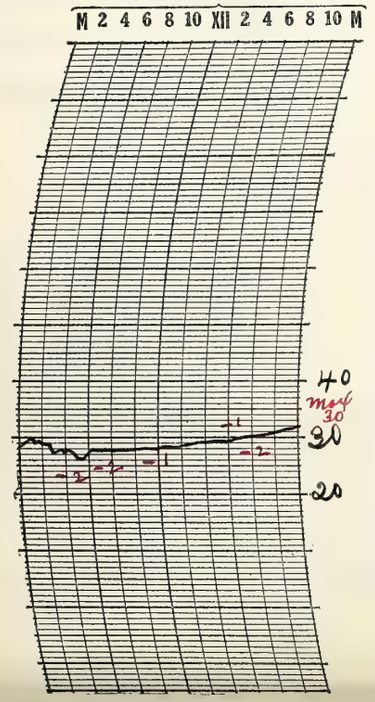
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	24	27	

Total depth of snow for 24 hours ending 7 p. m., 2.5 inches.
Snow, sleet, and hail on ground 7 p. m., 10.5 inches.
Total snowfall, midnight to midnight, 2.5 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, .23 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 193
Average hourly velocity, 8.0 Extreme velocity, 16
Maximum velocity, 16 Direction, E
Time began, 9:45 am
Reduced barometer, 30.24 7 a. m. 30.02 7 p. m.
River gage, 1.7 feet
Relative humidity, 98 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.1 Wet temperature, 26.9
Dew-point, 27 R. humidity, 98 V. pressure, .143
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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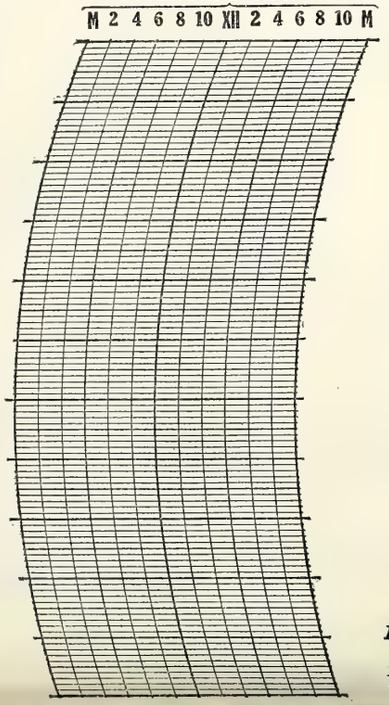
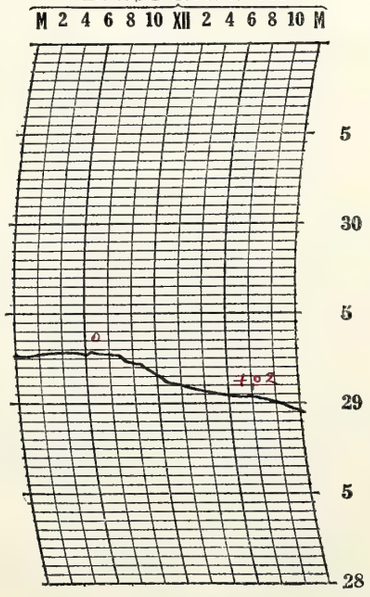


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—486

NOTES

Estimated

Snowfall to 7:00 am Trace

A moderate snow occurred during the day turning to light rain at night. The rain froze when it first started to fall but later melted.

The temperature remained steadily at a few degrees below freezing.

The snow was deep and loose on the pavements in some places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 19 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	34	36	38	39	41	40	39	37	36	35	35	35	34	34	32	31	30	30	28	28	27	25	25
State of weather: Nature of precipitation and time of beginning and ending									RE 8:15															
Amounts of precipitation			0																					
			.13					.06	T															
Cloudiness and other conditions								Cloudy					X Cloudy X					Cloudy						
Sunrise: Time, Character	7:02 Cloudy																							
Moonrise	6:28p Cloudy																							
Sunset: Time, Character																					4:42 Cloudy			
Moonset																					8:21a Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0.3	0.3	0.2	0	0							
Wind direction	E	SE	SE	S	S	S	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	5	5	5	8	14	15	12	12	13	12	12	12	12	13	10	10	10	6	7	8	5	4	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	25	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 7.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .13 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 0.8 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 8

Prevailing wind direction, W Total wind, 221

Average hourly velocity, 9.2 Extreme velocity, 17

Maximum velocity, 17 Direction, S

Time began, 5:20 am

Reduced barometer, 29.80 7 a. m. 30.10 7 p. m.

River gage, 1.8 feet

Relative humidity, 100 7 a. m. 89 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

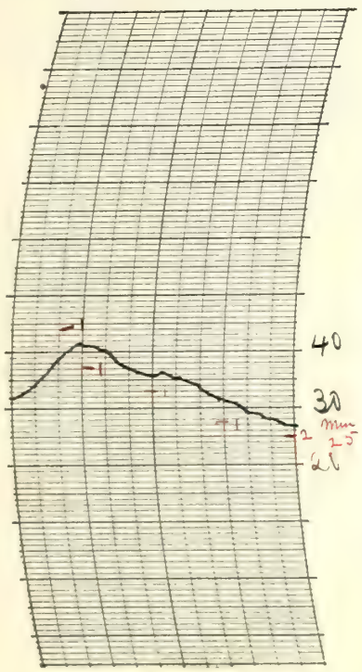
Dry temperature, 35.0 Wet temperature, 34.0

Dew-point, 33 R. humidity, 91 V. pressure, .187

Clouds: Amount, 10; Kind, St; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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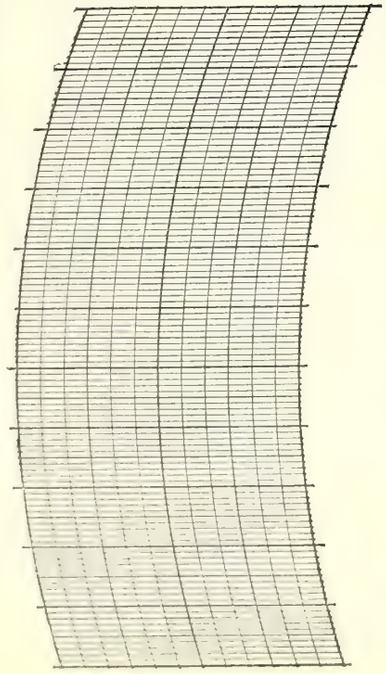
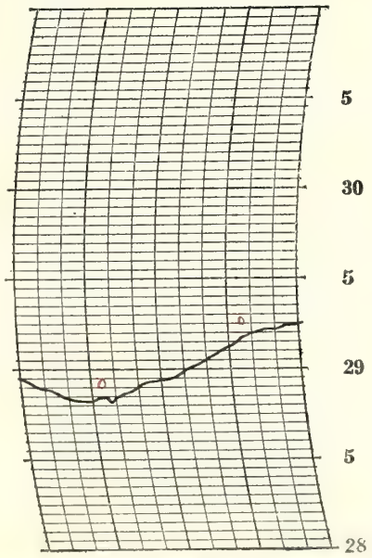


BAROGRAPH.



Prepared by OEK

Verified by P. McDonough

8—486

NOTES

° Estimated

It rained during the forenoon and the sky continued mostly overcast all day. For a while in the afternoon the sun shone through the clouds. Cloudy into the night.

The temperature reached a maximum of 41° early in the morning and considerable melting took place. There was water, soft, melting snow, and ice on the pavements in different places. It began to freeze in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 20 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	26	26	26	26	27	27	28	29	30	31	32	33	35	35	35	35	34	34	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Lt smoke		Cloudy										→		
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	NE	NE	NE
Wind movement	4	3	2	2	2	2	3	3	5	7	6	7	7	7	7	8	8	7	8	9	9	7	7	7

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 7:29p Cloudy

Sunset: Time, 4:43 Character, Cloudy
Moonset: 8:54 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

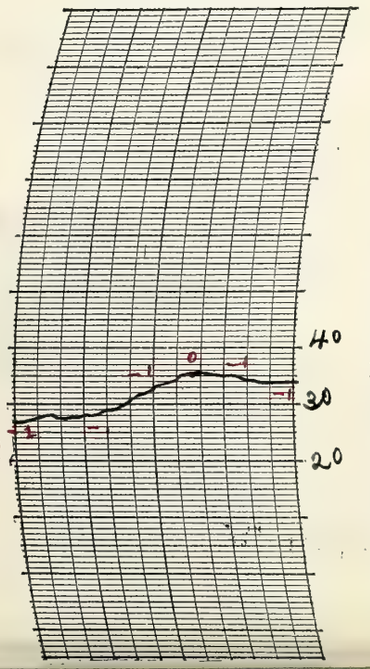
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	25	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 6.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 137
Average hourly velocity, 5.7 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 2:45 p m.
Reduced barometer, 30.317 a. m. 30.287 p. m.
River gage, 2.0 feet
Relative humidity, 88 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.8 Wet temperature, 30.1
Dew-point, 27 R. humidity, 82 V. pressure, .143
Clouds: Amount, 10 5; Kind, ~~Lt. Snow~~ Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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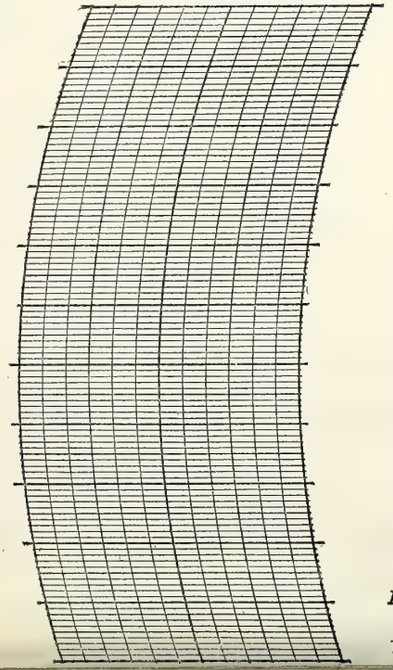
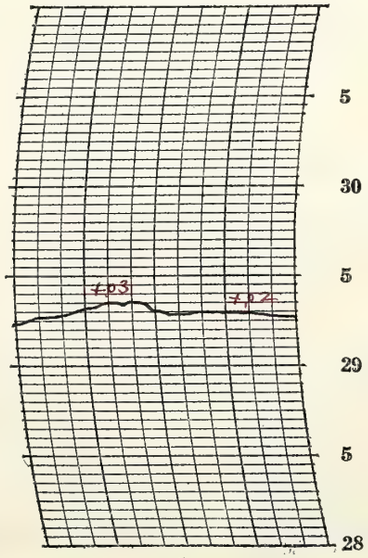


BAROGRAPH.



Prepared by O.G.K.
Verified by W. McDonough

NOTES

The sky was heavily overcast all day with light smoke the greater part of the time. Cloudy into the night.

The temperature was below freezing during the forenoon and above freezing in the afternoon. The snow and slush on the pavements was frozen hard in the morning but melted some during the afternoon.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 21 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	33	33	34	34	35	36	37	38	41	41	40	39	38	37	37	36	35	34	34	33
State of weather: Nature of precipitation and time of beginning and ending																						RB SN	- - -	- - -
Amounts of precipitation																						T	T	T
Cloudiness and other conditions								Dense Fog			Dr Fog								Dense Fog					
											Cloudy													
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	E	E	E	SE	SE	SE	SE	S	S	S	SW	SW	SW	SW	SW	W	SW	SW	W	W	W	W
Wind movement	7	9	9	6	6	5	4	4	4	4	6	8	8	9	10	12	8	7	8	7	8	8	7	9

Sunrise: Time, 7:01 Character, Foggy
Moonrise: 8:28p Foggy
Sunset: Time, 4:44 Character, Cloudy
Moonset: 9:23a Foggy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

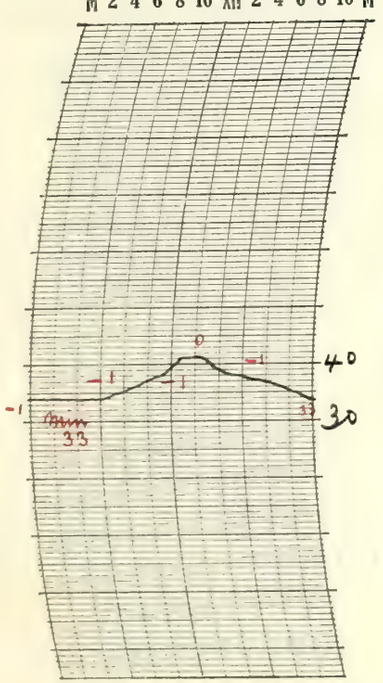
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	33	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 173
Average hourly velocity, 7.2 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 3:10 p.m.
Reduced barometer, 30.21 7 a. m. 30.21 7 p. m.
River gage, 3.2 feet
Relative humidity, 100 7 a. m. 100 7 p. m.

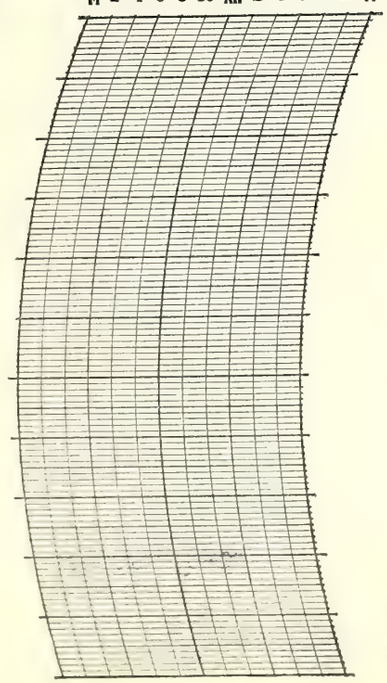
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 37.0
Dew-point, 36 R. humidity, 91 V. pressure, .211
Clouds: Amount, 10 S; Kind, St. Fog; Direction, S
Velocity of clouds (miles per hour)

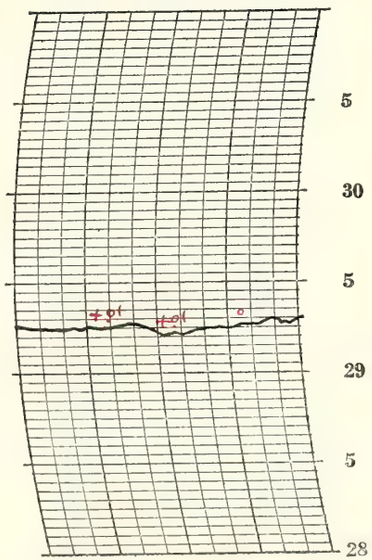
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by C. M. Donough

8—480

NOTES

Dense fog began during the night am and ended 10:10 am. Light fog began 10:10 am and ended 5:30 p.m. Dense fog began 5:30 pm and ended during the night p.m. A light, misting, rain occurred at night.

The temperature was somewhat above freezing during the middle of the day and considerable thawing took place. Water, ice and melting snow on pavements in places.

Chicago called for 1:00 p.m (75 mi T) special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 22 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	30	29	28	28	28	28	27	26	23	22	22
State of weather: Nature of precipitation and time of beginning and ending				RE DN								
Amounts of precipitation	T	T	T	T								
Cloudiness and other conditions							<	<	~~Fog~~ Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	NW	W	NW	NW	NW	N	N	N	NE
Wind movement	10	12	11	12	9	9	10	9	11	12	13	13

Sunrise: Time, 7:00 Character, Cloudy
Moonrise: 9:27p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	23	23	22	21	20	20	19	18	18	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×	Pt cldy			×			Cloudy		>
Sunshine (in tenths of hours)	0.7	0.9	0.7	0.2	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	13	13	12	10	10	9	8	9	9	8	9

Sunset: Time, 4:46 Character, Cloudy
Moonset: 9:48a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

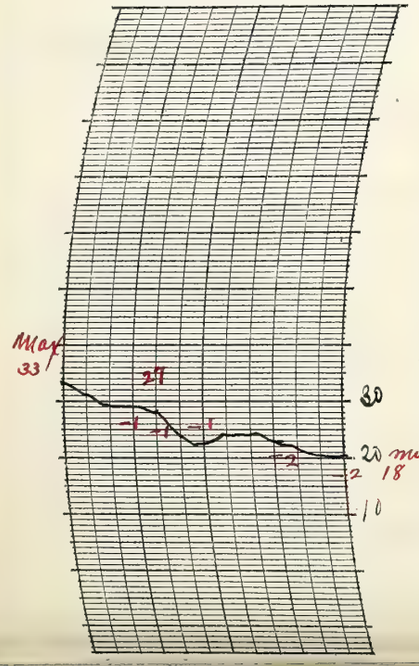
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	18	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy, moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.5 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 26
Prevailing wind direction, NE Total wind, 254
Average hourly velocity, 10.6 Extreme velocity, 17
Maximum velocity, 17 Direction, N
Time began, 10:48 am
Reduced barometer, 30.437 a. m. 30.577 p. m.
River gage, 4.2 feet
Relative humidity, 94 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.7 Wet temperature, 19.9
Dew-point, 16 R. humidity, 74 V. pressure, .085
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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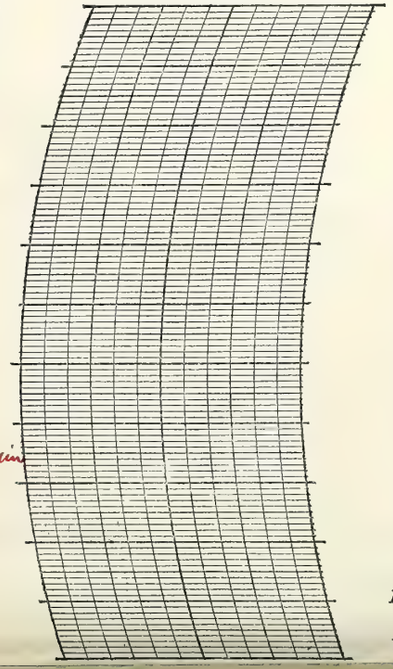
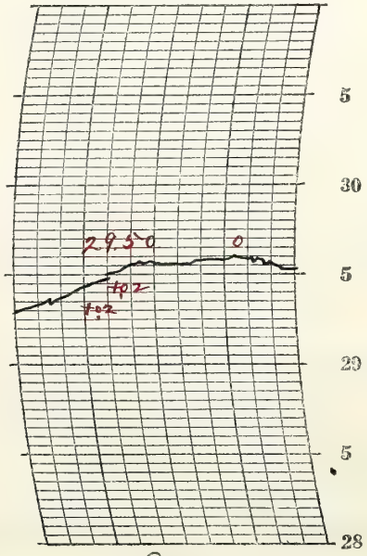


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

A light mixing rain from the preceding date continued to about 4:00 am. Light fog beg an 7:15 am and ended 9:40 am. The heavy clouds of the forenoon gave way to upper clouds in the afternoon and sunshine was recorded for some time. Stars visible for a while in the evening but it became entirely overcast later at night.

Temperatures below freezing and falling or stationary most of the day. Ice and hard pack snow on most pavements.

Solar halo, 22° radius, observed 2:25 p.m to 2:57 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 23 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	19	19	20	21	21	22	22	22	22	23	23	24	24	26	26	27	26	25	25	24	24	23	23
State of weather: Nature of precipitation and time of beginning and ending	SlB DN												S/E SdB 12:15	SdE 1:45										
Amounts of precipitation				.09						.06			T	T										
Cloudiness and other conditions													Cloudy											

Sunrise: Time, 6:59 Character, Cloudy
Moonrise: 10:26p Cloudy
Sunset: Time, 4:47 Character, Cloudy
Moonset: 10:12a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NW	NW	NW	NW	NW	NW
Wind movement	6	7	6	8	6	7	5	7	6	5	4	4	4	5	5	5	6	6	5	5	5	4	4	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

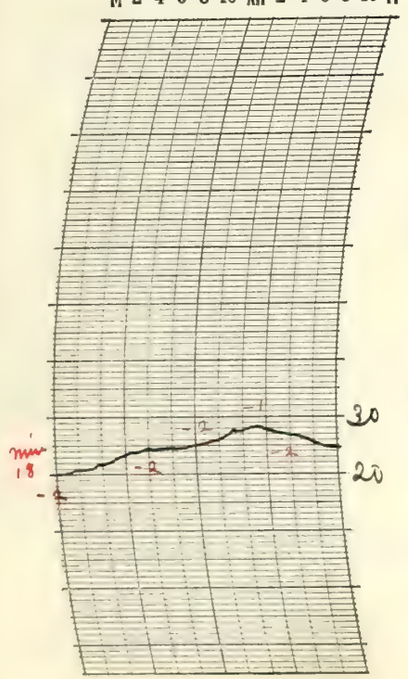
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	18	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 3.9 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 1:25 am.
Reduced barometer, 30.42 7 a. m. 30.43 7 p. m.
River gage, 5.0 feet
Relative humidity, 97 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.3 Wet temperature, 22.9
Dew-point, 22 R. humidity, 95 V. pressure, .113
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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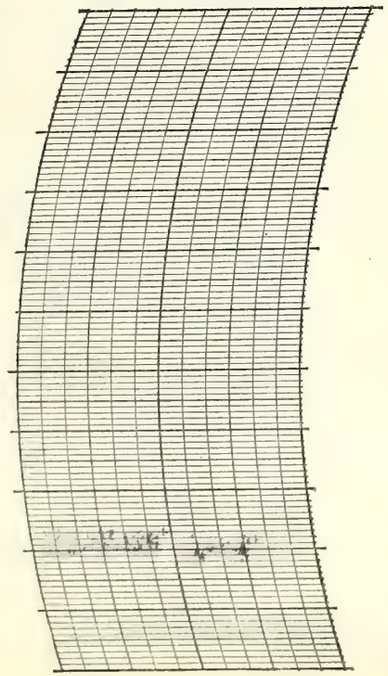
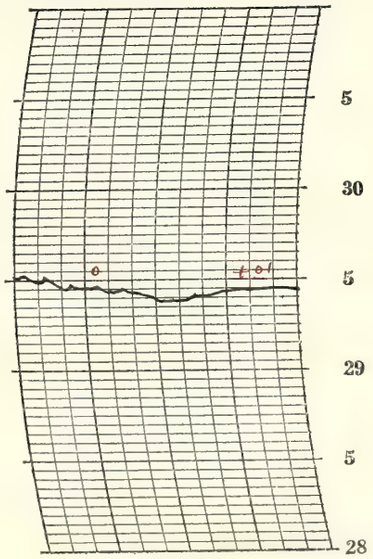


BAROGRAPH.



Prepared by OEK

Verified by P. McGonigle

8—486

NOTES

Sleet to 7 am 0.2 inch.
Light floating ice in river
Sleet to 7 p.m. 0.2 inch
A moderate fall of sleet occurred during the forenoon. A trace of snow occurred in the afternoon. The sky continued heavily cloudy into the night. For a while in the evening the brighter stars were visible through the clouds
Temperatures somewhat below freezing all day
Pavements covered with packed snow and sleet.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 24 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	20	19	18	17	16	16	17	20	24	28	31	34	35	34	32	30	29	27	26	25	24	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<	Clear	X			Pt cldy			X					Clear						>
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5° 0.3							
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	W	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	4	5	5	5	6	8	6	7	8	8	8	8	8	11	10	10	10	10	10	11	10	9

Sunrise: Time, 6:59 Character, Cloudy
Moonrise: 11:24p Clear

Sunset: Time, 4:48 Character, Clear
Moonset: 10:36a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

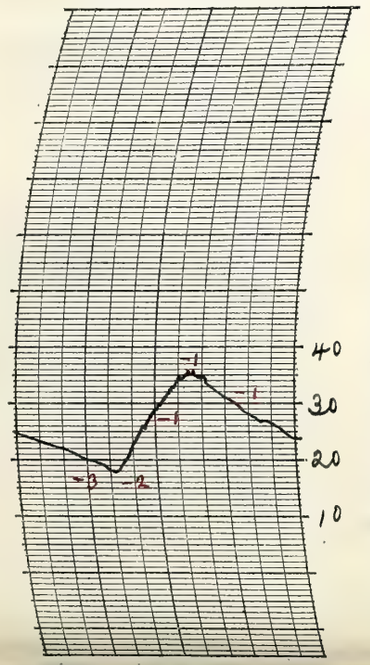
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	16	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.6 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 88
Prevailing wind direction, SW Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 3:56 p.m.
Reduced barometer, 30.437 a. m. 30.407 p. m.
River gage, 5.2 feet
Relative humidity, 97 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.2 Wet temperature, 24.5
Dew-point, 17 R. humidity, 58 V. pressure, 10.89
Clouds: Amount, 4; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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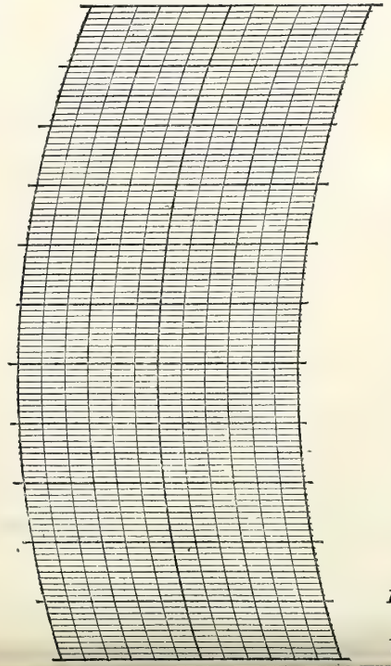
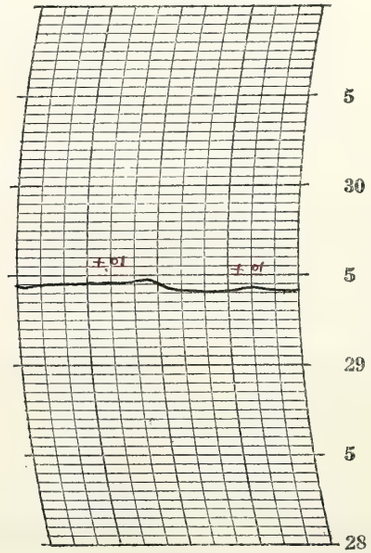


BAROGRAPH.



Prepared by O.H.P.

Verified by P. McDonough

NOTES

Moonlight in early morning. The day as a whole was clear although thin upper clouds prevailed most of the time. Cloudless into the night stars bright.

The temperature was above freezing for a while in the afternoon and a small amount of thawing took place. Packed snow and ice on pavements. Rather slippery in places.

Solar halo, 22° radius, observed 8:10 am to about 12:00 noon. Circle nearly complete at times.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 25 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	20	20	19	18	18	18	21	25	30	35	37	40	41	40	37	35	33	29	28	27	24	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0.3 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	N	N	N	N
Wind movement	9	8	7	8	8	8	8	8	9	9	10	11	12	10	11	8	8	8	7	10	10	13	11	12

Clear — Cldy

Sunrise: Time, 6:28 Character, Clear

Moonrise: — —

Sunset: Time, 4:49 Character, Cloudy

Moonset: 11:00 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	18	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 3.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, First Quarter 8:05 p.m.

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 9.0 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 92

Prevailing wind direction, SW Total wind, 223

Average hourly velocity, 9.3 Extreme velocity, 18

Maximum velocity, 17 Direction, NE

Time began, 11:55 p.m.

Reduced barometer, 30.37 7 a.m. 30.36 7 p.m.

River gage, 5.0 feet

Relative humidity, 97 7 a.m. 56 7 p.m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

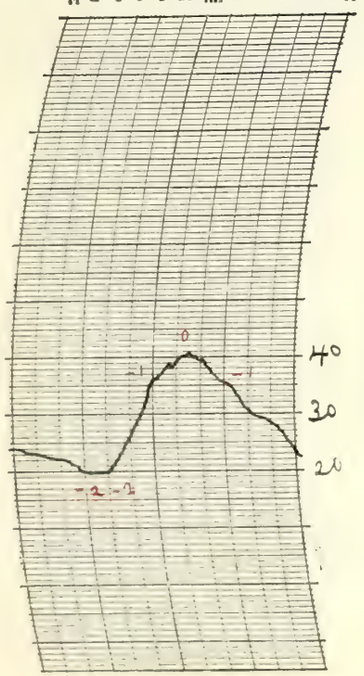
Dry temperature, 35.0 Wet temperature, 29.1

Dew-point, 18 R. humidity, 47 V. pressure, .093

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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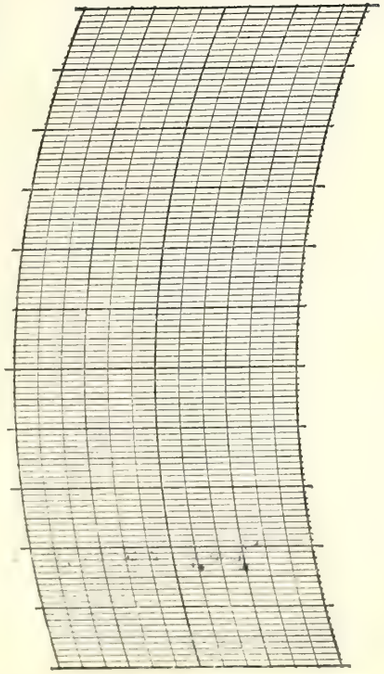
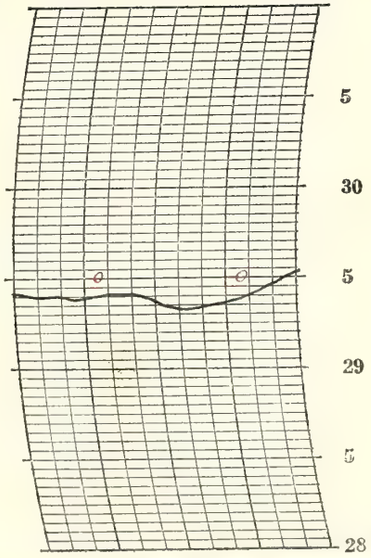


BAROGRAPH.



Prepared by O&R

Verified by O. M. Brough

8—480

NOTES

Pale moonlight in early morning.

The sky was cloudless until late in the afternoon when a small amount of upper clouds appeared. The stars were visible for a while at night but later it became overcast.

The weather was rather pleasant for the season. The temperature rose rapidly from early morning to 41° in the afternoon. It then fell rapidly. Ice and packed snow on pavements. Some melting in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	13	9	6	4	3	1	0	-1	+1	5	6	7	9	9	9	7	6	6	5	3	1	1	0
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<					Clear											>		
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0							
Wind direction	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	18	21	21	19	21	17	15	14	14	15	16	14	16	14	15	13	12	11	10	10	11	11	11	10

Sunrise: Time, 6:57 Character, Cloudy
Moonrise: 12:23 a Clear?

Sunset: Time, 4:51 Character, Clear
Moonset: 11:26 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

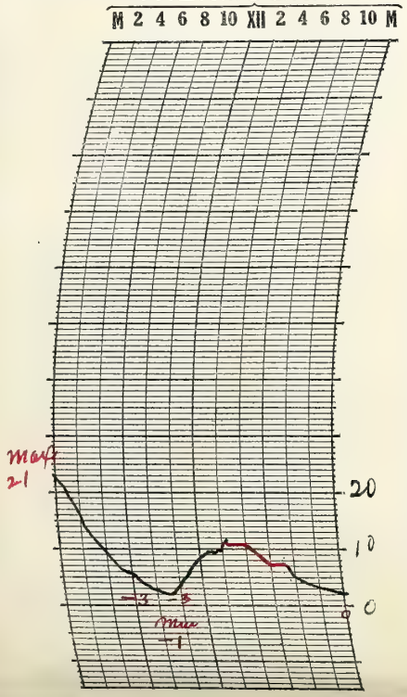
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	-1	10	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.2 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 83
Prevailing wind direction, NE Total wind, 349
Average hourly velocity, 14.5 Extreme velocity, 29
Maximum velocity, 27 Direction, N
Time began, 1:50 am
Reduced barometer, 30.80 7 a. m. 30.97 7 p. m.
River gage, 4.9 feet
Relative humidity, 75 7 a. m. 85 7 p. m.

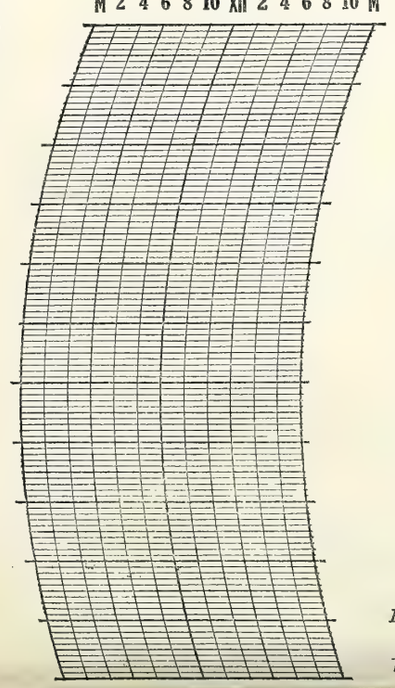
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 5.5 Wet temperature, 4.8
Dew-point, 2 R. humidity, 82 V. pressure, .042
Clouds: Amount, Few; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

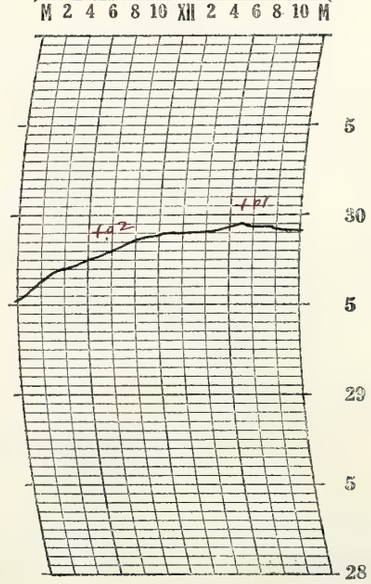
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

Upper clouds prevailed during the forenoon. Cloudless during the afternoon and into the night. Stars bright.

The temperature was falling rapidly during the early morning and reached a minimum of 1.2° below zero in the forenoon. Very cold all day. Strong northeast wind. Packed ice and snow on pavements in most places.

Solar halo, 22° radius, observed 7:15 am to 8:30 am.

The sealevel pressure at 7:00 pm., 30.97 inches, is the highest ever recorded at this station.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	-1	-2	-2	-3	-4	-4	-1	+5	10	16	19
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Pt cloudy			
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	SE	SE	SE
Wind movement	8	10	9	8	6	7	8	5	5	5	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	29	30	30	30	29	30	30	31	31	32	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				X				Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	0.3	0	0							
Wind direction	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	7	7	9	7	8	9	13	13	12	12	13	12

State of weather.

Sunrise: Time, 6:56 Character, Cloudy

Moonrise: 1:25 a Clear?

Sunset: Time, 4:52 Character, Cloudy

Moonset: 11:56 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	-4	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 3.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 5.7 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 58

Prevailing wind direction, SE Total wind, 202

Average hourly velocity, 8.4 Extreme velocity, 18

Maximum velocity, 18 Direction, SE

Time began, 6:58 p.m.

Reduced barometer, 30.84 7 a. m. 30.43 7 p. m.

River gage, 4.6 feet

Relative humidity, 100 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

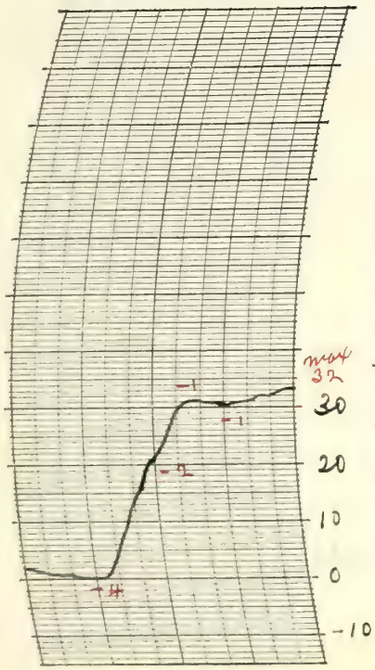
Dry temperature, 18.6 Wet temperature, 15.9

Dew-point, 8 R. humidity, 58 V. pressure, .057

Clouds: Amount, 4; Kind, Ci St; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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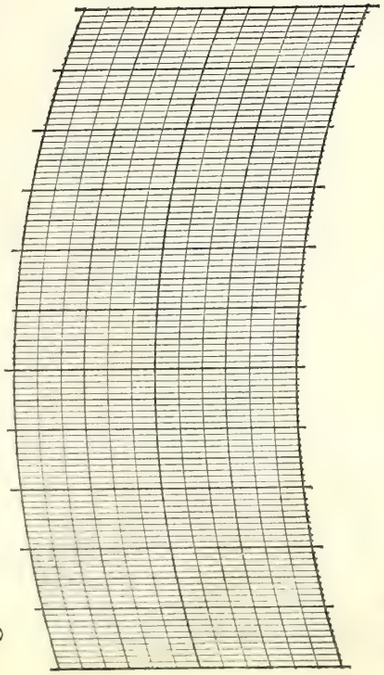
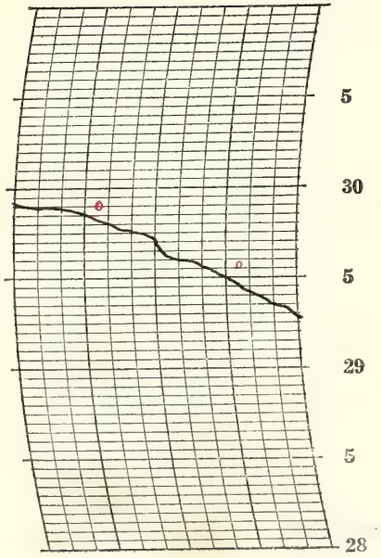


BAROGRAPH.



Prepared by C.E.V.

Verified by C. McDonough

8—486

NOTES

Light floating ice in river. Upper clouds prevailed until late in the afternoon and then lower clouds into the night.

It was very cold in the morning, about 4° below zero, but the temperature reached the freezing point late at night.

Packed snow and ice on pavements - quite smooth in places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	36	38	38	40	39	36	36	36	36	36	37
State of weather: Nature of precipitation and time of beginning and ending					RB DN							
Amounts of precipitation					T	T	T					
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	12	15	22	19	21	25	23	21	17	16	15	16
Maximum velocities (exceeding 29 miles) direction and time					30 S 4:51	30 S 5:24						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	38	38	37	37	37	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending									RE DN			
Amounts of precipitation	.01							T	T			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	14	16	17	16	14	16	15	16	16	13	14

Sunrise: Time, 6:53 Character, Cloudy
Moonrise: 2:28a Cloudy
Sunset: Time, 4:53 Character, Cloudy
Moonset: 12:30p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

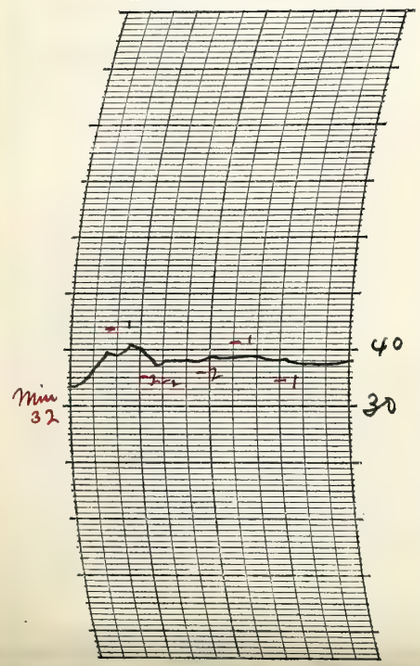
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	32	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 405
Average hourly velocity, 16.9 Extreme velocity, 34
Maximum velocity, 30 Direction, S
Time began, 4:51 am
Reduced barometer, 30.03 7 a. m. 29.97 7 p. m.
River gage, 4.8 feet
Relative humidity, 89 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.4 Wet temperature, 36.8
Dew-point, 36 R. humidity, 95 V. pressure, .211
Clouds: Amount, 10; Kind, Nb.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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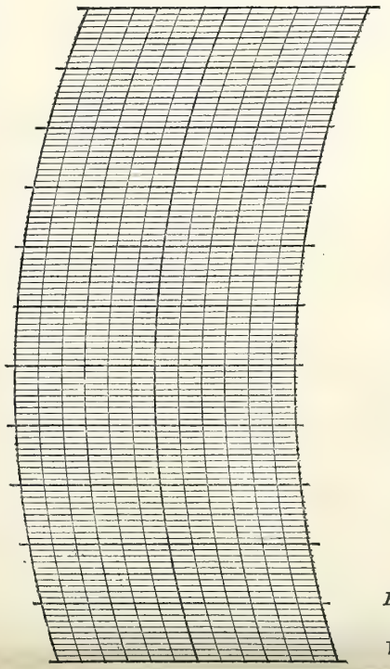
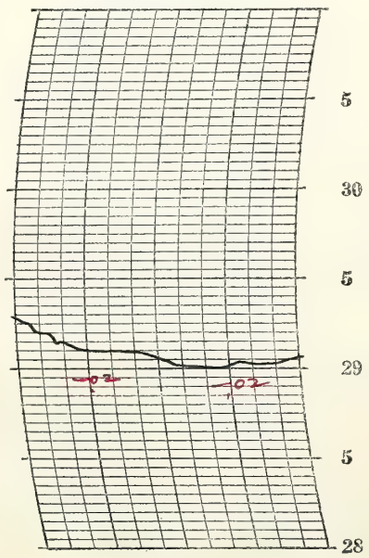


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

A light, sinating rain continued all day and into the night.

The temperature remained above freezing and the range was small. The streets were wet all day and the ice on pavements was very smooth in places. The packed snow and ice had disappeared from pavements in down town sections except in a few places but outside of the business section there was still considerable ice in the streets and in many places on the sidewalks.

Form No. 1614—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 29 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	35	36	36	36	37	38	39	40	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Dense Fog						Lt Fog Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	11	11	10	10	11	12	13	12	12	15	13	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	45	43	44	44	44	45	46	48	47	44
State of weather: Nature of precipitation and time of beginning and ending						RB 5:45 RE 6:00		RB 7:00		RE DN		
Amounts of precipitation						T			<.05			
Cloudiness and other conditions								Dense Fog				
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	SE	SE	S	S	S	SW	SW	SW	W
Wind movement	14	12	10	10	12	11	14	14	14	16	14	18

Sunrise: Time, 6:55 Character, Cloudy, Foggy
Moonrise: 3:33a Cloudy
Sunset: Time, 4:54 Character, Cloudy
Moonset: 1:13p Cloudy

Maximum velocities (exceeding 20 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

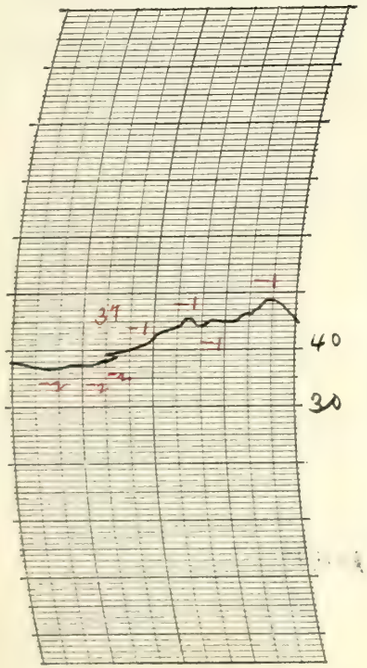
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	35	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 302
Average hourly velocity, 12.6 Extreme velocity, 25
Maximum velocity, 24 Direction, SW
Time began, 11:48 p. m.
Reduced barometer, 29.98 7 a. m. 29.62 7 p. m.
River gage, 4.7 feet
Relative humidity, 100 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 39.8
Dew-point, 37 R. humidity, 83 V. pressure, .219
Clouds: Amount, 5; Kind, Lt. Fog; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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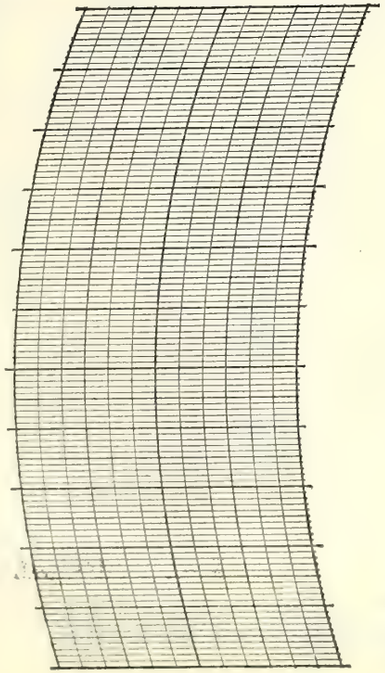
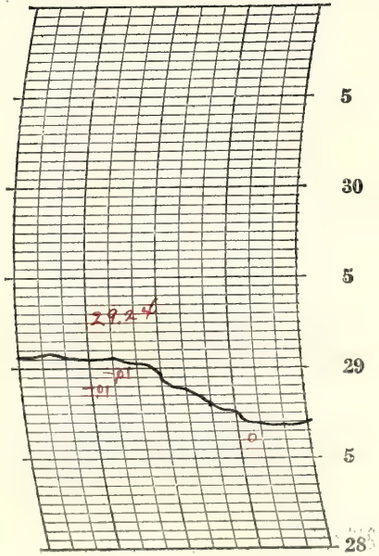


BAROGRAPH.



Prepared by O.E.R.
Verified by T. M. Dunough

8—486

NOTES

Dense fog began during night am and became light fog 9:30 am. The fog became dense again at 6:00 p.m. and the dense fog ended during night P.m. Rain fell in the evening and at night.

The temperature remained somewhat above freezing during the 24 hours. The highest point was 48° about 10:00 p.m. The pavements were wet in many places and the packed snow and ice melted considerably.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 30 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	37	36	36	37	37	36	37	38	39	39	39	40	39	38	36	32	31	30	30	29	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							10 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	42 0.5							
Wind direction	W	W	SW	SW	SW	SW	SW	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	11	10	14	17	15	17	18	18	18	20	19	19	21	20	20	19	19	18	20	21	22	22	16
Maximum velocities (exceeding 29 miles) direction and time																								

Clear ← → Clear; X; Clear →

Sunrise: Time, 6:54 Character, Clear

Moonrise: 4:38 a Clear

Sunset: Time, 4:55 Character, Clear

Moonset: 2:04 p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	29	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 100

Prevailing wind direction, W Total wind, 431

Average hourly velocity, 18.0 Extreme velocity, 30

Maximum velocity, 28 Direction, W

Time began, 1:57 p m.

Reduced barometer, 29.74 7 a. m. 30.11 7 p. m.

River gage, 5.2 feet

Relative humidity, 74 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

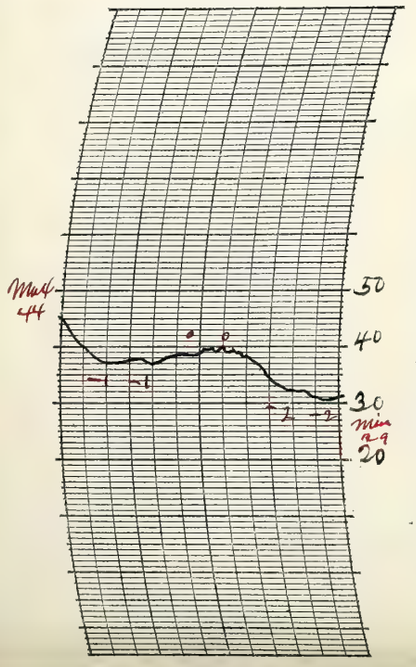
Dry temperature, 38.9 Wet temperature, 34.1

Dew-point, 27 R. humidity, 62 V. pressure, .143

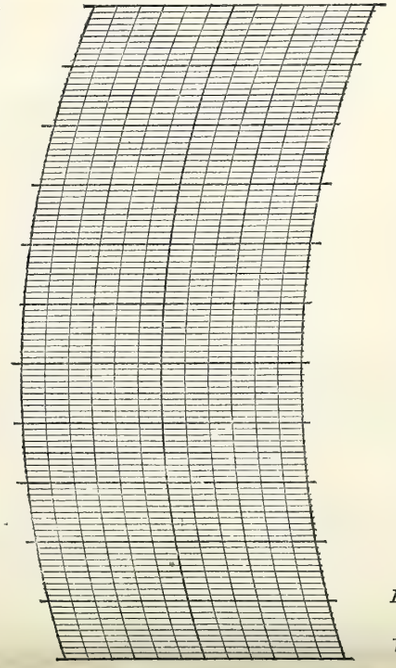
Clouds: Amount, 1; Kind, Stcu Direction, W

Velocity of clouds (miles per hour)

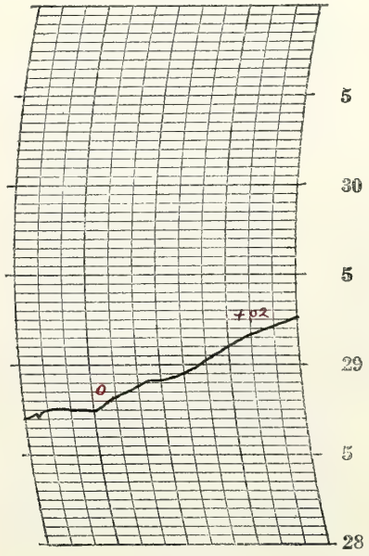
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OLP

Verified by P. McDonough

8—486

NOTES

A small amount of cloudiness prevailed most of the day altho at times the sky was cloudless. After 7:00 p.m. it became overcast and remained cloudy into the night.

The temperature was highest in the early morning and below freezing at night. Strong wind from the west and southwest. Considerable floating ice in the rivers. The street department broke up several ice floes during the day to prevent jams forming.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 31 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	31	31	31	31	31	30	31	30	32	33
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<					Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	15	12	10	9	15	11	10	10	12	11	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	35	36	37	36	33	32	31	31	31	30	30
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X Pt Cldy X				Clear			>
Sunshine (in tenths of hours)	0	0	0.4	1.0	0.1 (.85)							
Wind direction	W	W	W	W	W	NW	NW	NW	NW	NW	SW	SW
Wind movement	11	11	9	8	6	4	4	4	3	1	2	2

Sunrise: Time, 6:53 Character, Cloudy
Moonrise: 5:38a Cloudy
Sunset: Time, 4:57 Character, Clear
Moonset: 3:04p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

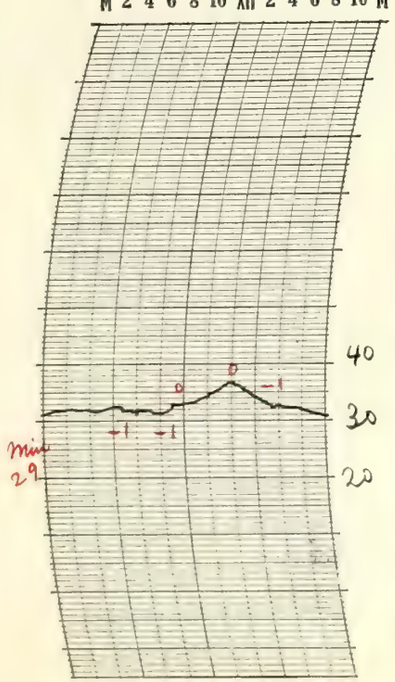
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	29	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.4 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 24
Prevailing wind direction, W Total wind, 207
Average hourly velocity, 8.6 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 12:10 am
Reduced barometer, 30.35 7 a. m. 30.41 7 p. m.
River gage, 5.0 feet
Relative humidity, 67 7 a. m. 78 7 p. m.

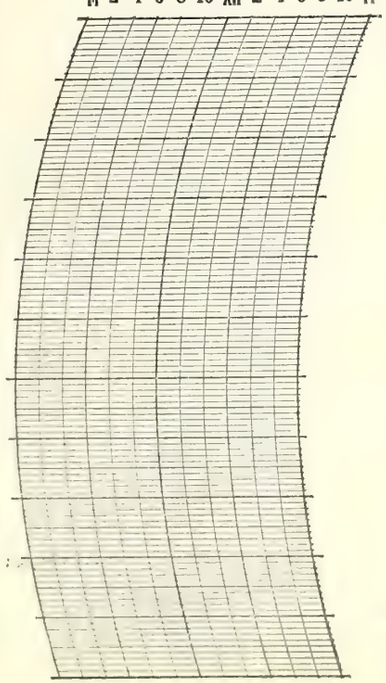
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.1 Wet temperature, 29.9
Dew-point, 25 R. humidity, 69 V. pressure, 130
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

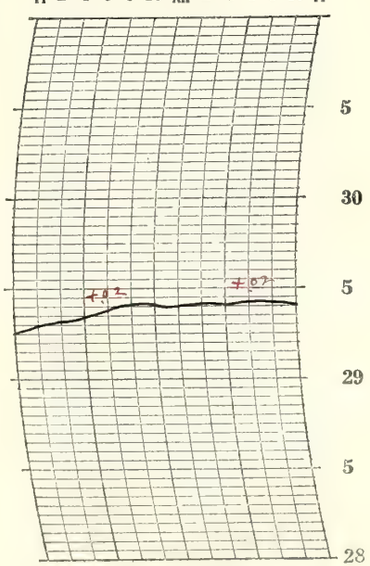
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OEP

Verified by P. McDonough

8—486

NOTES

Floating ice in river.
The sky was heavily clouded until about the middle of the afternoon when the clouds broke up somewhat. It was clear by night and remained clear into the night.
The temperature was below freezing during most of the forenoon above freezing in the afternoon and below freezing again at night.
There was still a small amount of ice on pavements in some places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 1 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	32	33	34	35	36	37	37	38	39	40	41	42	41	40	40	39	39	39	38	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<						Cloudy							X			Clear			>
Sunrise: Time, 6:52 Character, Cloudy																					Sunset: Time, 4:58 Character, Cloudy			
Moonrise: 6:33 a Cloudy																					Moonset: 4:13 p Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.8	0.3	0.4	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	3	4	6	8	10	11	12	11	14	16	17	22	25	25	24	29	23	16	14	12	10	8	7	9
Maximum velocities (exceeding 29 miles) direction and time																32 SW 3:21								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	29	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.9 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 19
Prevailing wind direction, SW Total wind, 336
Average hourly velocity, 14.0 Extreme velocity, 33
Maximum velocity, 32 Direction, SW
Time began, 3:21 P.M.
Reduced barometer, 30.247 a. m. 30.027 p. m.
River gage, 144 feet 7:00 am
Relative humidity, 82 % a. m. 86 % p. m.

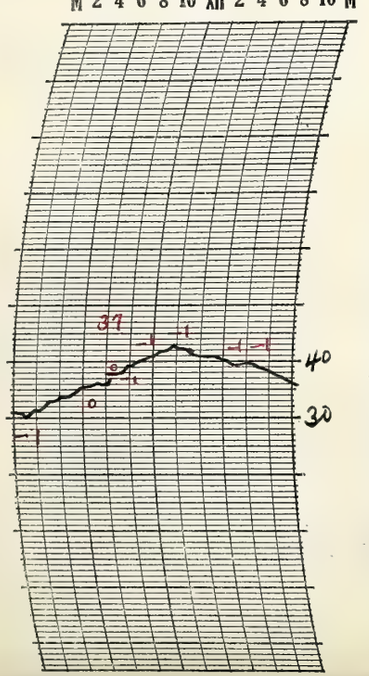
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.4 Wet temperature, 35.2
Dew-point, 28 R. humidity, 60 V. pressure, .150
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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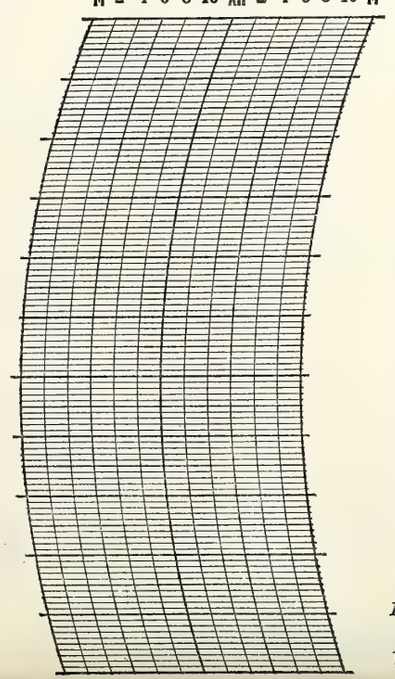
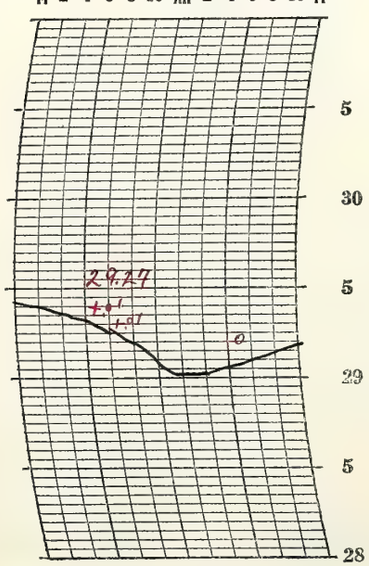


BAROGRAPH.



Prepared by O.E.K.

Verified by P. McDonough

8—486

NOTES

The river rose rapidly due to melting snow. By 3:45 p.m it was 0.2 of a foot lower than at 7:00 am.

The sky was mostly cloudy during the day and rain threatened at times. After sunset it cleared off and remained clear into the night stars bright.

The temperature reached 42° in the afternoon and some thawing took place. A small amount of ice still on some streets and sidewalks. The barometer fell rapidly during the am and the wind became strong from the south and southwest.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB. 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	31	30	29	28	28	29	30	33	32	37	40	44	46	45	44	43	41	41	41	40	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							.15 0	1.0 0	1.0	1.0	0.1	0.8	1.0	1.0	1.0	1.0	.58 0.4							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE	S	S
Wind movement	7	7	5	6	7	8	9	7	7	12	12	11	9	10	8	10	6	6	7	7	5	6	7	7

Clear — X Cloudy X Cloudy X — Clear

Sunrise: Time, 6:57 Character, Clear
Moonrise: 7:20a Clear

Sunset: Time, 4:59 Character, Clear
Moonset: 5:27p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

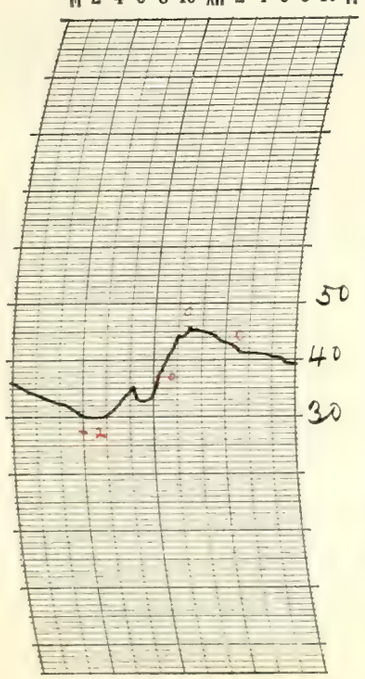
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	28	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New 2:54a
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 89
Prevailing wind direction, SW Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 9:38 am
Reduced barometer, 30.247 a. m. 30.217 p. m.
River gage, 13.9 feet
Relative humidity, 88 a. m. 70 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.2 Wet temperature, 34.2
Dew-point, 30 R. humidity, 74 V. pressure, .164
Clouds: Amount, 4; Kind, Stcu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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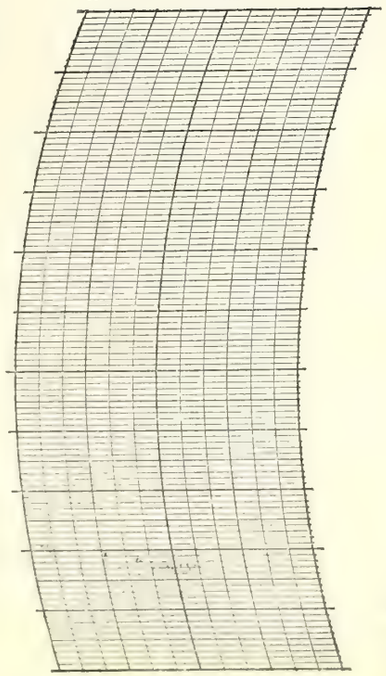
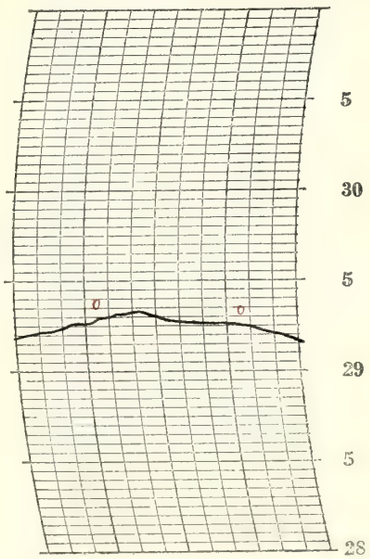


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Snow ice.
Heavy deposit of frost in early morning.
There was some cloudiness during the middle of the day but it was cloudless in the morning and during the most of the afternoon and into the night. Stars bright.
Temperatures below freezing in the morning but above 40° during the afternoon and until late at night. A small amount of ice remained on pavements.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 3 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	38	38	39	41	45	46	47	50	51
Nature of precipitation and time of beginning and ending					RB DN		RE 6:30		RB 8:45		RE 10:45	
Amounts of precipitation					T	T	T		T	T	T	
Cloudiness and other conditions					Dense Fog				Cloudy		Light Fog	
Sunrise: Time, Character	6:50 Cloudy, Foggy											
Moonrise	8:03 a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	7	8	11	11	11	10	11	16	16	16	18	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	53	52	49	47	46	44	43	41	40	38
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunset: Time, Character									5:01 Cloudy			
Moonset									6:43 p Clear			
Sunshine (in tenths of hours)	0.3	0.7	1.0	1.0	0.4 0.1	0						
Wind direction	SW	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	19	22	22	21	16	12	13	13	12	10	9	7
Maximum velocities (exceeding 29 miles) direction and time				30 W 3:15								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.5 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 34
Prevailing wind direction, W Total wind, 328
Average hourly velocity, 13.7 Extreme velocity, 33
Maximum velocity, 30 Direction, W
Time began, 3:15 p m
Reduced barometer, 29.897 a. m. 30.067 p. m.
River gage, 13.4 feet
Relative humidity, 100 7 a. m. 70 7 p. m.

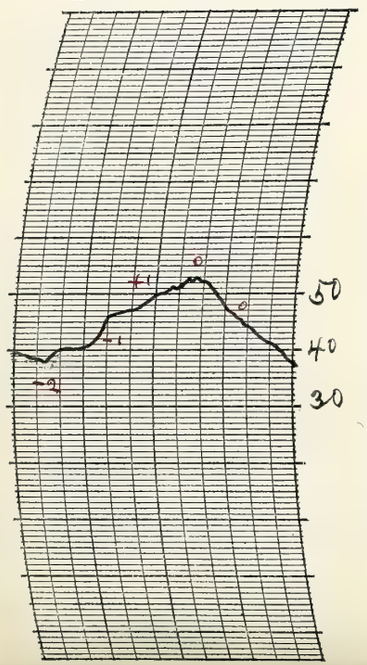
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 51.0 Wet temperature, 49.7
Dew-point, 48 R. humidity, 92 V. pressure, .334
Clouds: Amount, 8 70 Kind, St. Fog 87; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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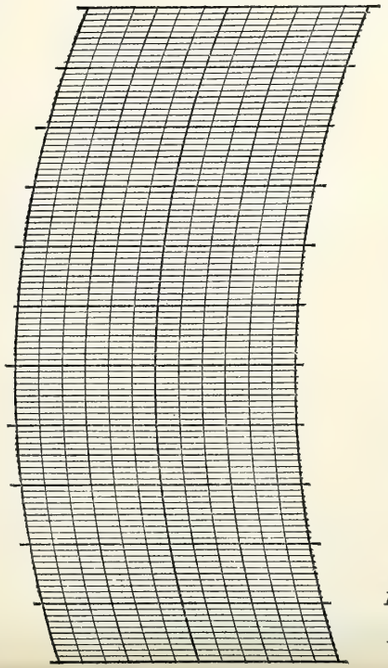
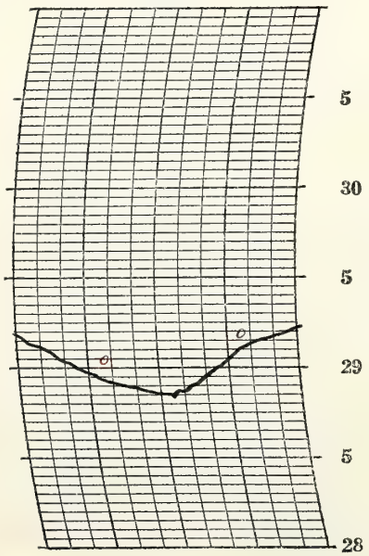


BAROGRAPH.



Prepared by O.H.R.

Verified by P. McDonough

8—486

NOTES

Dense fog began during the night ~~am~~ and ended 11:00 am. At 7:00 am buildings visible at a distance of a bout 300 feet. Light fog began 11:00 am and ended 1:00 p. m. Light, misting, rain occurred during the forenoon. The heavy clouds broke up soon after noon and the sun shone brightly. Clear into the night. Stars bright.

Temperatures considerably above normal and the maximum was 53° in the afternoon. Moderate wind from the southwest and west. Pavements remained wet until afternoon. Ice in some places

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	32	32	32	31	31	32	32	33	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0.9	1.0
Wind direction	NW	NW	N	N	N	NE	NE	NE	NE	E	E	SE
Wind movement	7	6	6	7	5	7	6	3	5	7	7	6

Sunrise: Time, 6:49 Character, Cloudy
Moonrise: 8:39a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	39	40	40	40	37	37	36	34	33	33	32
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30	RE 7:20			RB 10:30	
Amounts of precipitation							T	T			<.08	
Cloudiness and other conditions	X Cldy X				Cloudy							
Sunshine (in tenths of hours)	1.0	1.0	0.6	0	0	0						
Wind direction	SE	SE	SE	SE	E	E	E	E	E	E	E	E
Wind movement	6	5	5	5	7	7	8	10	11	13	12	10

Sunset: Time, 5:02 Character, Cloudy
Moonset: 8:00p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

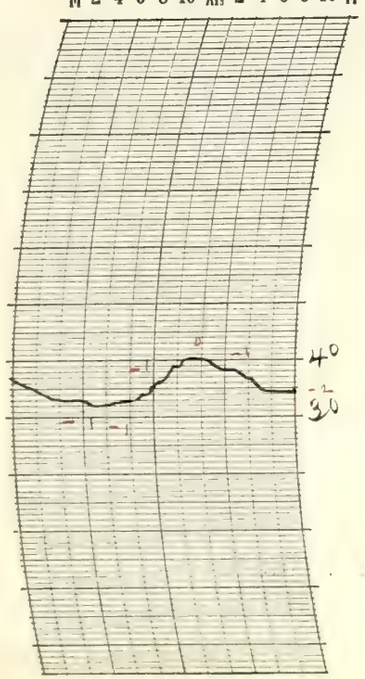
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.5 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 44
Prevailing wind direction, E Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 17
Maximum velocity, 17 Direction, E
Time began, 9:15 p.m.
Reduced barometer, 30.307 a. m. 30.227 p. m.
River gage, 14.2 fell
Relative humidity, 87 a. m. 80 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 34.0 Wet temperature, 31.3
Dew-point, 28 R. humidity, 75 V. pressure, .150
Clouds: Amount, 2; Kind, ~~St. cu~~ a St; Direction, ~~W~~ E
Velocity of clouds (miles per hour)

THERMOGRAPH



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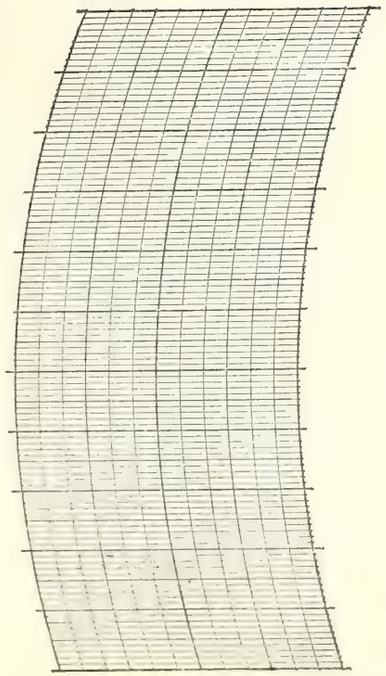
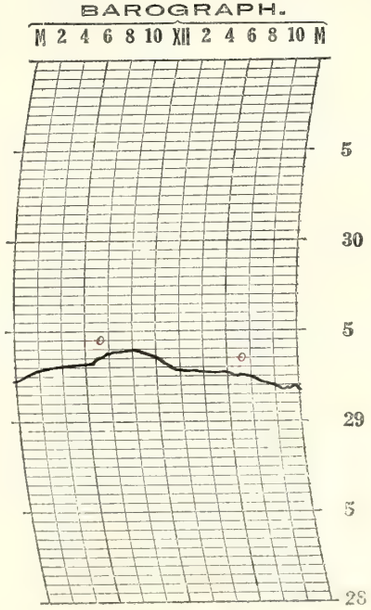


BAROGRAPH.



Prepared by C.E.R.

Verified by P. McDonough

8—486

NOTES

Estimated

Light floating ice in sides. The sky was heavily clouded morning and evening with some sunshine during the middle of the day. A light rain occurred in the evening and a moderately heavy rain began about 10:30 p.m. and continued past midnight.

Temperatures were slightly below freezing in the morning but it reached 40° in the p.m. Only a small amount of ice remained on a few streets. Still a little snow in protected places.

Solar halo, 22° radius, observed 2:30 p.m. to 3:25 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 5 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	33	34	34	35	35	36	37	38	39	39	39	39	39	39	39	41	45	50	48	46	45
State of weather: Nature of precipitation and time of beginning and ending	R Coated							RE 7:30																
Amounts of precipitation			R 40					.01																
Cloudiness and other conditions							Lt Fog			x		Dense Fog Cloudy				x	Lt Fog							

Sunrise: Time, 6:48 Character, Cloudy
Moonrise: 9:10 a Cloudy
Sunset: Time, 5:03 Character, Cloudy
Moonset: 9:14 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	NE	E	E	E	E	E	SE	SW	SW	W	W	W
Wind movement	10	12	12	14	13	12	12	8	8	6	5	6	7	6	7	6	5	2	2	6	10	11	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

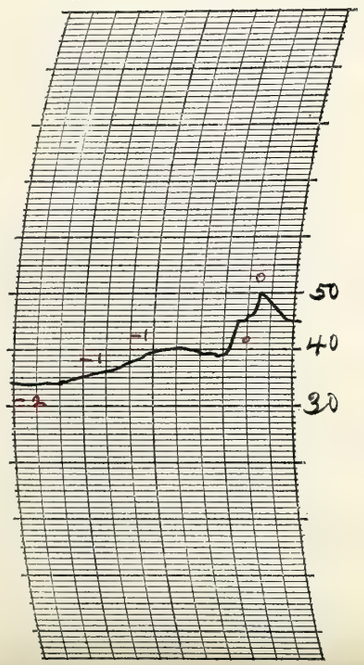
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	32	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .48 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .48 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 20
Maximum velocity, 19 Direction, E
Time began, 3:42 am
Reduced barometer, 29.93 7 a. m. 29.89 7 p. m.
River gage, 13.2 feet
Relative humidity, 91 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.3 Wet temperature, 39.1
Dew-point, 39 R. humidity, 98 V. pressure, .237
Clouds: Amount, 10; Kind, Dense Fog; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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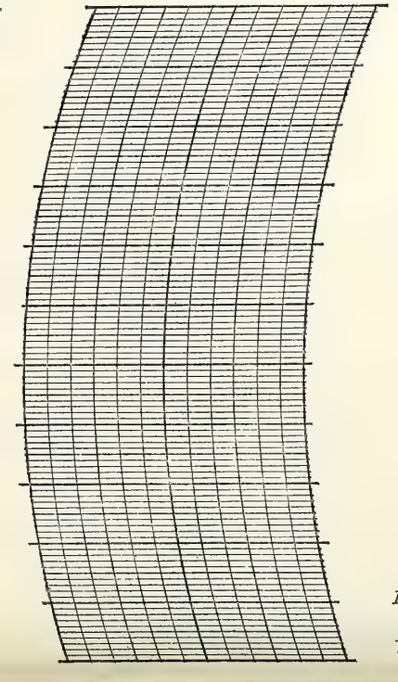
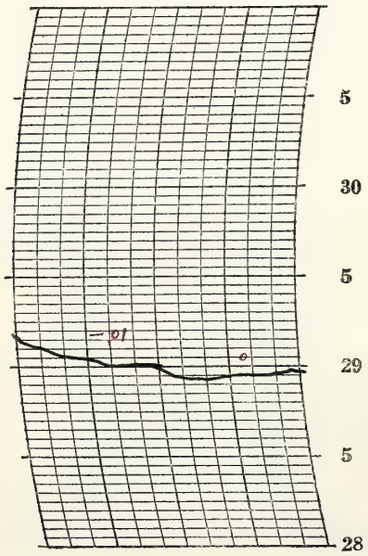


BAROGRAPH.



Prepared by O.G.P.

Verified by P. McDonough

8—486

NOTES

* Estimated.

Shore ice in river; light floating ice. At 2:15 p.m. the stage of the river was 14.9 feet.

A moderate rainfall continued from the previous date and ended 7:30 am. Light fog began 7:10 am and changed to dense fog at 9:40 am. The dense fog became light fog at 3:30 p.m. and the light fog ended during the night p.m.

Moderate temperatures. The maximum was 50° at 9:00 p.m. Only a small amount of ice and snow remained in protected places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 6 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	43	42	41	40	40	39	40	40	41	41	41
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN				RB 8:50	RE 9:15		
Amounts of precipitation				T	T				T	T		
Cloudiness and other conditions							<				Cloudy	
Sunrise: Time, Character,	6:47 Cloudy											
Moonrise:	9:40a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	SW	W	W
Wind movement	8	11	10	10	11	10	9	10	10	10	15	17

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	42	41	41	41	40	39	37	37	36	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							×	Pt cldy	×	Clear		>
Sunset: Time, Character,									5:04 Cloudy			
Moonset:									10:26p Clear			
Sunshine (in tenths of hours)	0.1	0.6	1.0	0.1	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	16	22	17	15	16	12	11	9	12	10	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

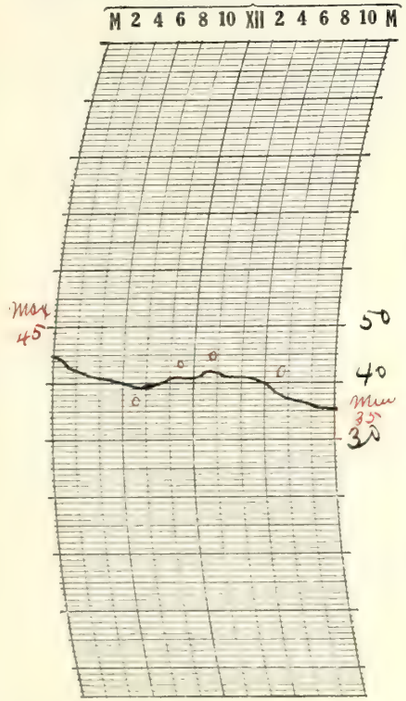
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	35	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 1.8 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 17
Prevailing wind direction, W Total wind, 296
Average hourly velocity, 12.3 Extreme velocity, 27
Maximum velocity, 26 Direction, W
Time began, 2:15 p m
Reduced barometer, 29.92 7 a. m. 30.04 7 p. m.
River gage, 14.7 fall
Relative humidity, 88 7 a. m. 76 7 p. m.

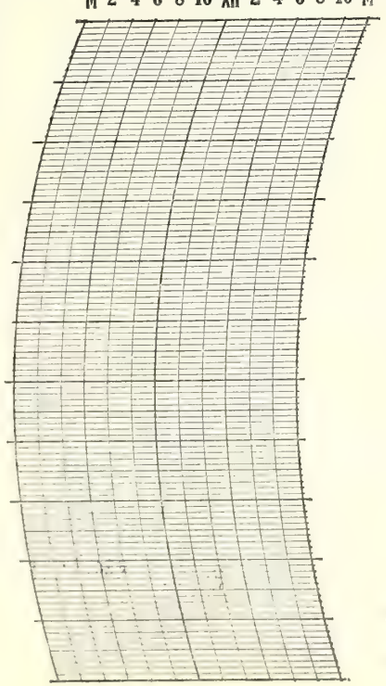
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.8 Wet temperature, 39.2
Dew-point, 38 R. humidity, 87 V. pressure, 228
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

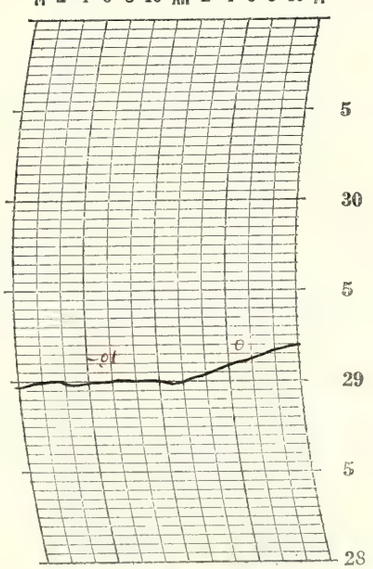
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J. E. R.

Verified by P. M. Donoghue

8—486

NOTES

It was heavily clouded during the forenoon with light, misting rain at times. It remained mostly cloudy during the afternoon but the sun shone at intervals. Clear into the night. Stars bright.

Temperature remained somewhat above freezing. It changed little during the day but fell slowly at night.

A small amount of snow and ice remained.

Strong west wind in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	34	33	33	34	36	38	40	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<	Cldy	X	Pt cldy	X			
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	W	SW	SW	SW
Wind movement	9	8	8	8	7	6	3	3	4	7	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	45	43	43	43	41	39	39	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				X	Pt cldy		X		Clear		>
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	S	SE
Wind movement	7	6	6	6	5	3	3	1	2	3	2	1

Sunrise: Time, 6:45 Character, Cloudy
Moonrise: 10:10a Cloudy

Sunset: Time, 5:05 Character, Cloudy
Moonset: 11:38p Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

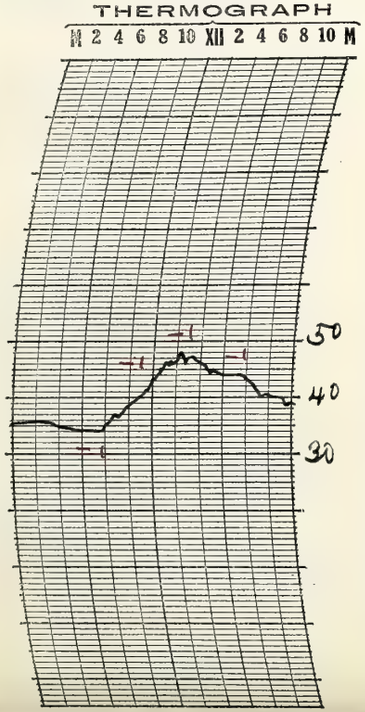
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.7 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 75
Prevailing wind direction, SW Total wind, 126
Average hourly velocity, 5.2 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 12:13 am
Reduced barometer, 30.25 7 a. m. 30.27 7 p. m.
River gage, 14.5 free
Relative humidity, 79 7 a. m. 60 7 p. m.

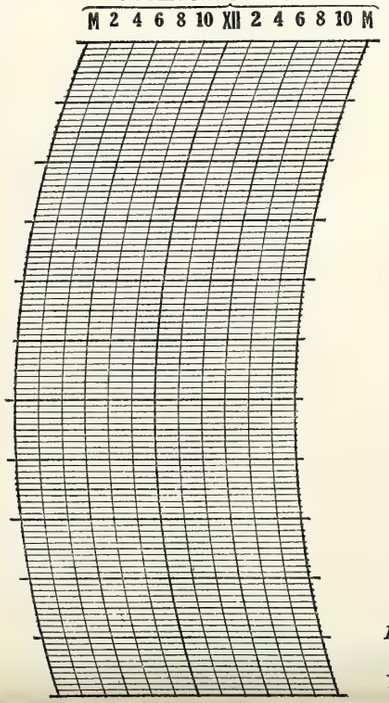
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.2 Wet temperature, 36.9
Dew-point, 31 R. humidity, 67 V. pressure, 1.72
Clouds: Amount, 1; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

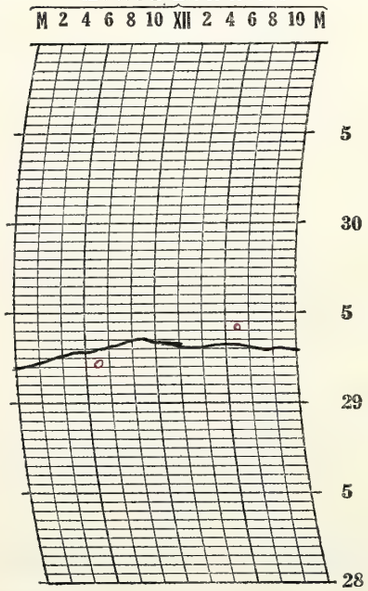
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.P.

Verified by O.M. McDonough

8—486

NOTES

It was cloudy in the early morning but the cloudiness decreased during the forenoon and for a while in the afternoon the sky was cloudless. It became partly cloudy in the evening but cleared later and remained clear into the night. Moon visible. Stars bright.

The temperature was slightly above freezing in the early morning but stood above forty during the afternoon. The weather was very pleasant for the season.

A small amount of snow and ice in protected places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 8 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	37	38	38	39	38	37	38	40	42
Nature of precipitation and time of beginning and ending								RB 7:05		RE 9:40		
Amounts of precipitation								T	T	T		
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)							0	0	0	0	0	0.9
Wind direction	SE	SE	E	SE	S	SW	SW	SW	W	NW	NW	N
Wind movement	2	3	3	3	4	2	2	5	5	6	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	45	48	47	46	42	39	36	34	33	33	33
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy			Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	9	8	7	7	6	9	9	8	7	6	5	8

Sunrise: Time, 6:44 Character, Cloudy
Moonrise: 10:44a Cloudy

Sunset: Time, 5:07 Character, Cloudy
Moonset: — —

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

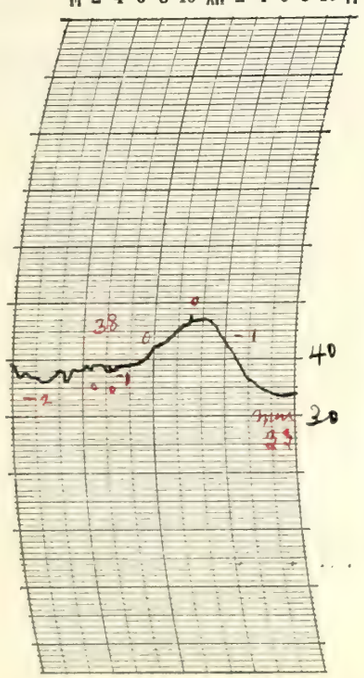
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, 5:54 p First Quarter
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.4 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 42
Prevailing wind direction, NW Total wind, 137
Average hourly velocity, 5.7 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 12:19 p m.
Reduced barometer, 30.20 7 a. m. 30.32 7 p. m.
River gage, 13.5
Relative humidity, 78 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.6 Wet temperature, 38.8
Dew-point, 35 R. humidity, 78 V. pressure, 203
Clouds: Amount, 9; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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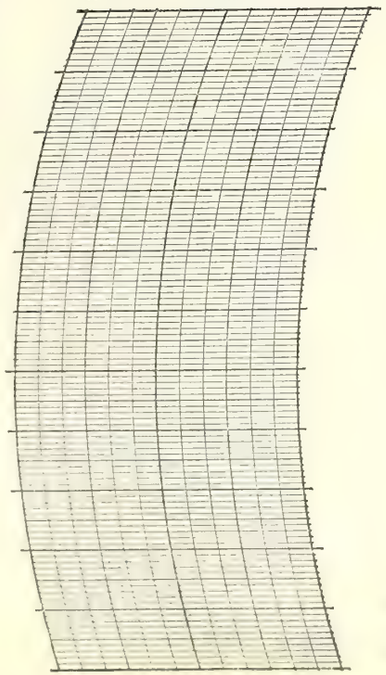
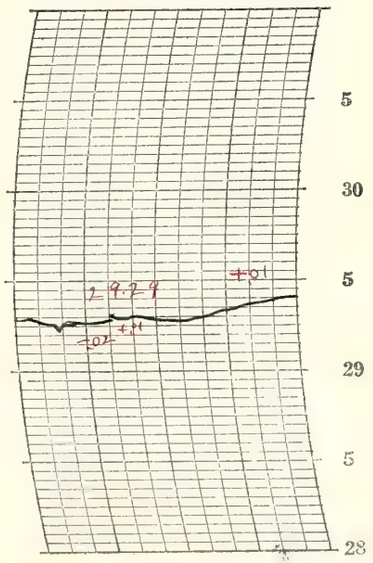


BAROGRAPH.



Prepared by E. E. P.

Verified by P. McDonough

8—176

NOTES

The sky was heavily overcast in the forenoon and a light, misting, rain occurred. The clouds broke up in the p.m. and the sun shone brightly for a while. Clear into the night. Pale moonlight. Stars bright. Light smoke in morning.

The temperature was rather high during the forenoon and reached a maximum of 48° about 3:00 p.m. It then fell rather rapidly to near freezing by midnight.

A small amount of snow and ice remained in protected places.

Cold wave warning received 8:40 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 9 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	31	31	31	31	31	31	32	32	33	34	34	34	34	34	33	31	30	29	28	27	27	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<				Cloudy				X	Cldy	X	Cldy	X		Pt Cldy		X		Cloudy	>

Sunrise: Time, 6:43; Character, Cloudy. Moonrise: 11:16a Cloudy.

Sunset: Time, 5:08; Character, Cloudy. Moonset: 12:48a Clear?

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0.6	0.8	1.0	1.0	1.0	0.7	0.5	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	N	NW	N	N	NW	NW	NW	NW	NW
Wind movement	8	8	9	7	5	5	4	5	5	5	6	9	10	10	11	9	10	8	8	9	10	9	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	26	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.6; Possible sunshine, hours, 10.4

Per cent of possible sunshine, 54

Prevailing wind direction, N; Total wind, 191

Average hourly velocity, 8.0; Extreme velocity, 13

Maximum velocity, 13; Direction, NW

Time began, 2:13 p.m.

Reduced barometer, 30.40 7 a. m. 30.36 7 p. m.

River gage, 12.4

Relative humidity, 79 7 a. m. 70 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

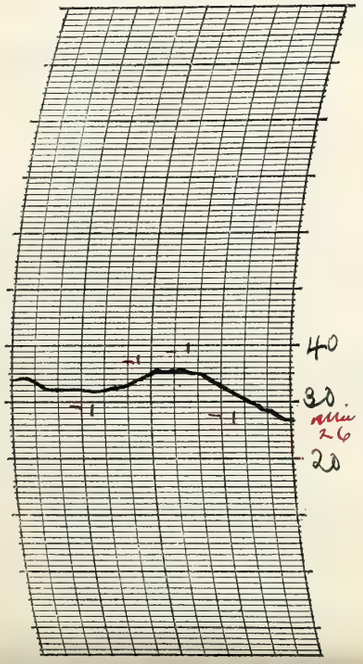
Dry temperature, 34.2; Wet temperature, 30.6

Dew-point, 25; R. humidity, 66; V. pressure, .130

Clouds: Amount, 9; Kind, St cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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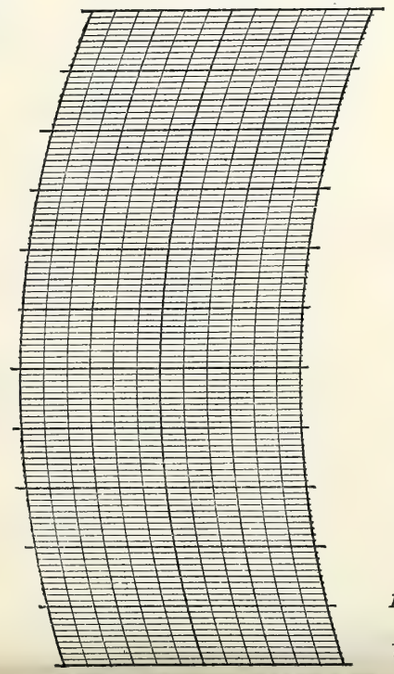
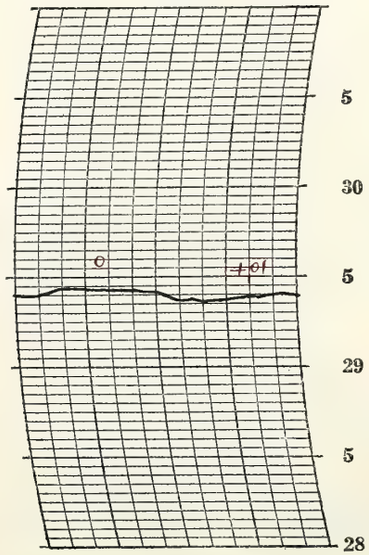


BAROGRAPH.



Prepared by D.E.K.

Verified by P. McDonough

8—486

NOTES

The sky was cloudy to partly cloudy during the day with sunshine recorded through the clouds at times. Mostly cloudy into the night altho the position of moon and brighter stars visible at times through the clouds.

The temperature remained near freezing most of the day. It was slightly above freezing during the afternoon but by midnight p.m. was somewhat below freezing. Only a small amount of ice and snow remained.

Solar halo, 22°, radius, observed 3:20 p.m. to about 3:45 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) ~~FEB 10 1927~~, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	25	25	24	24	23	23	24	26	28	29	30	31	32	32	30	28	27	27	26	25	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<			Cloudy			X		Pt	Cloudy	X			Clear							>
Sunshine (in tenths of hours)							0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0						
Wind direction	NW	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	8	8	8	7	7	6	8	8	10	7	7	8	8	9	7	8	7	8	8	5	6	4	5

Sunrise: Time, 6:42 Character, Cloudy

Moonrise: 11:54a Cloudy

Sunset: Time, 5:09 Character, Cloudy

Moonset: 1:57a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	23	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.6 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 73

Prevailing wind direction, NW Total wind, 176

Average hourly velocity, 7.3 Extreme velocity, 11

Maximum velocity, 11 Direction, NW

Time began, 12:30 am

Reduced barometer, 30.87 7 a. m. 30.19 7 p. m.

River gage, 11.2 fall

Relative humidity, 74 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

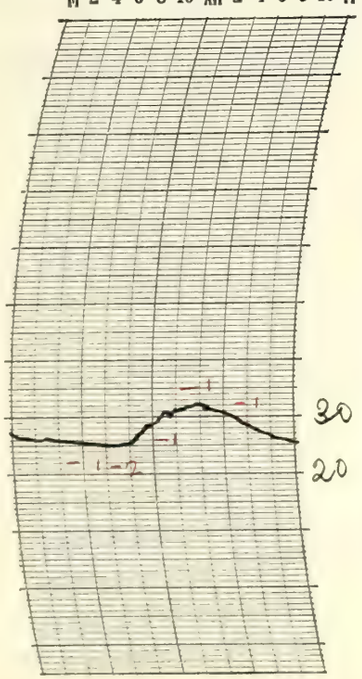
Dry temperature, 28.1 Wet temperature, 23.3

Dew-point, 12 R. humidity, 46 V. pressure, .070

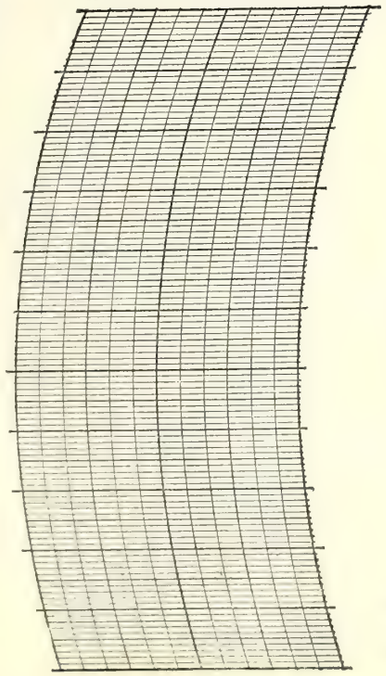
Clouds: Amount, 3 1; Kind, Strat; Direction, NW

Velocity of clouds (miles per hour)

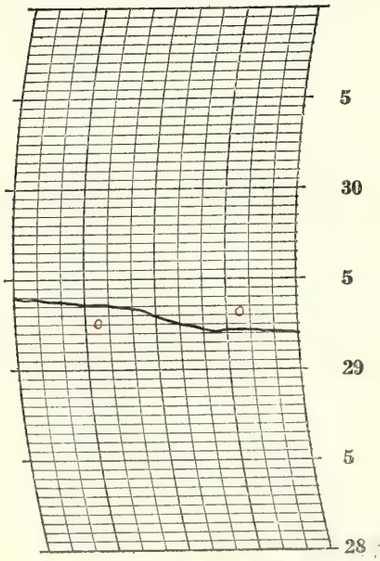
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—480

NOTES

It was cloudy in the early morning, partly cloudy through the middle of the day and clear into the night. Moonlight.

Temperatures were about normal. Only a small amount of snow and ice remained in protected place.

Solar halo, 22° radius, observed 8:45 am to 10:15 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	24	23	23	22	22	24	27	30	32	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<		Clear					Cloudy X
Sunshine (in tenths of hours)							32 0	06 0.4	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	9	9	9	10	10	11	16	21	24	24
Maximum velocities (exceeding 29 miles) direction and time												30 SW 11:05

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	37	38	38	37	35	34	33	33	32	32	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							>
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	03 0.7	17 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	22	22	24	24	20	16	17	17	18	16	15	14
Maximum velocities (exceeding 29 miles) direction and time			30 SW 245									

Sunrise: Time, 6:41 Character, Clear
Moonrise: 12:37 p Cloudy

Sunset: Time, 5:10 Character, Clear
Moonset: 3:01 a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

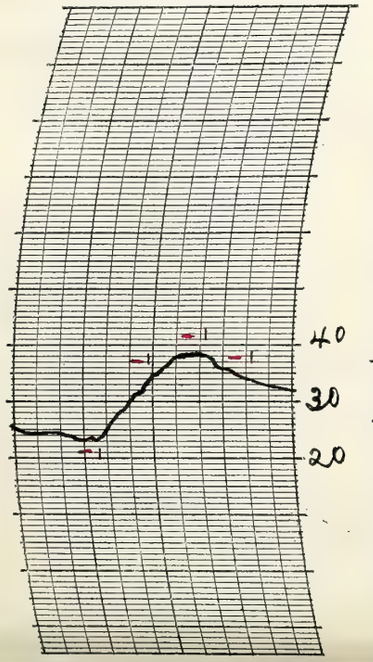
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	22	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.5 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 384
Average hourly velocity, 16.0 Extreme velocity, 38
Maximum velocity, 30 Direction, SW
Time began, 11:05 am
Reduced barometer, 30.13 7 a.m. 29.977 p. m.
River gage, 9.9 feet
Relative humidity, 80 7 a. m. 52 7 p. m.

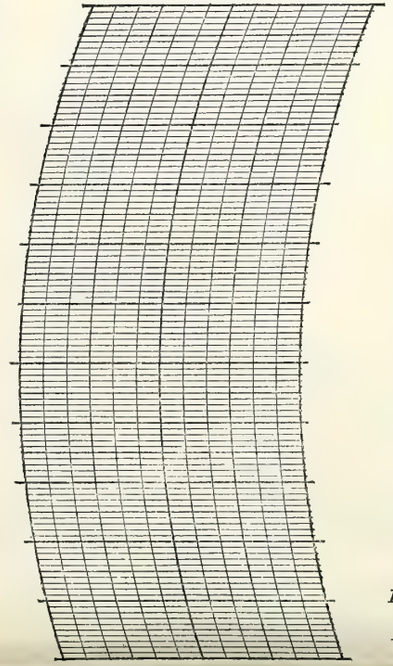
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.5 Wet temperature, 27.7
Dew-point, 16 R. humidity, 45 V. pressure, .085
Clouds: Amount, 4; Kind, Cirst; Direction, W
Velocity of clouds (miles per hour)

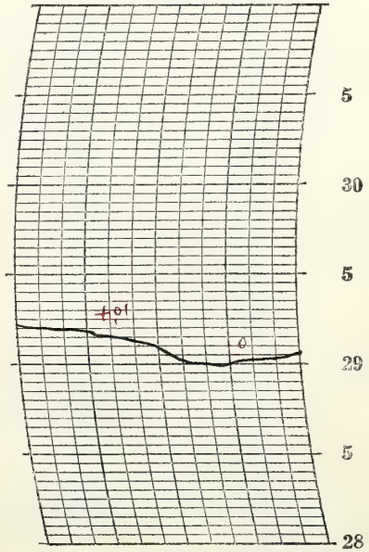
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. W. R.
Verified by T. McDonough

NOTES

Upper clouds prevailed for a while about noon; otherwise the sky was cloudless. Clear into the night. Moonlight.

The temperature rose steadily from early morning. The strong wind made it seem rather cold.

Only a small amount of snow and ice remaining on the ground in protected places.

Solar halo, 22° radius, observed 11:20 am. to about 12:15 p.m.

Shore ice.

Heavy deposit of frost in am.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	30	30	29	30	30	32	34	35	37	38	40	42	41	39	37	36	34	32	31	31	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<						Clear												>
Sunshine (in tenths of hours)							35 0	0.7 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	20 0						
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	N	NE	N	N	N	NW	NW	N	N	N	N	NE	NE	NE	NE
Wind movement	13	12	12	10	6	8	5	4	4	6	5	5	3	4	5	5	5	5	6	6	8	8	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:39 Character, Clear
Moonrise: 11:27p Clear

Sunset: Time, 5:12 Character, Clear
Moonset: 4:01a Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

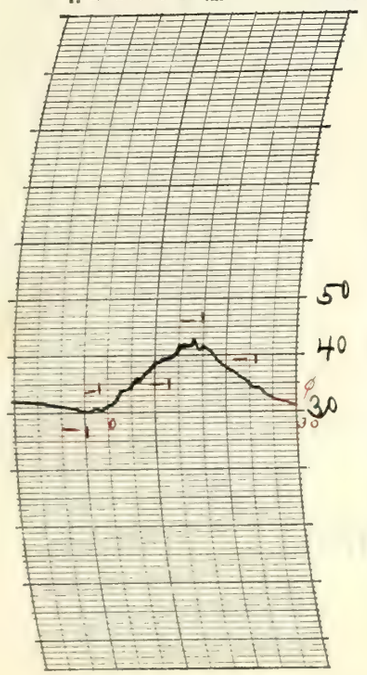
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	29	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.2 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 96
Prevailing wind direction, N Total wind, 161
Average hourly velocity, 6.7 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 12:05 am
Reduced barometer, 30.13 7 a. m. 30.24 7 p. m.
River gage, 7.5 feet
Relative humidity, 100 7 a. m. 56 7 p. m.

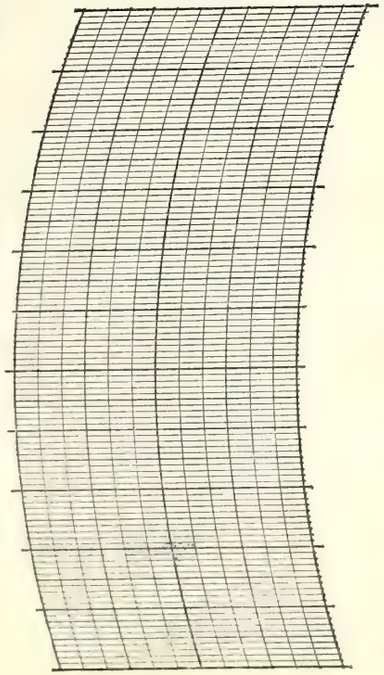
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.2 Wet temperature, 32.2
Dew-point, 24 R. humidity, 58 V. pressure, 124
Clouds: Amount, 2; Kind, Cirr St cu; Direction, W
Velocity of clouds (miles per hour)

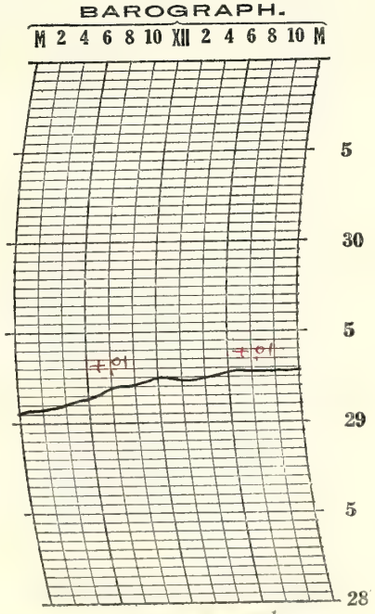
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.A.V.

Verified by C. M. Donaghue

8—430

NOTES

Heavy deposit of frost in am
Shore ice
The sky was mostly clear although thin upper clouds prevailed at times during the day and into the night.
Bright moonlight at night.
Moderate temperatures. The weather was very pleasant for the season.
Lunar halo, 22° radius, at 8:30 p.m. Circle complete but faint

* Clock stopped; record interpolated

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	×29	×28	×27	×26	×26	×27	27	28	28	29	29	29
State of weather: Nature of precipitation and time of beginning and ending											SmB 10:50	
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character	6:38 Cloudy											
Moonrise	2:21p Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	E	E	E	E	E	NE	E	E	NE	NE	NE
Wind movement	10	9	9	11	11	12	11	13	15	12	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	27	27	26	26	26	27	27	27	28	28
State of weather: Nature of precipitation and time of beginning and ending											SmE RB 10:15	
Amounts of precipitation				.14				×	.05		T	T
Cloudiness and other conditions												
Sunset: Time, Character									5:13 Cloudy			
Moonset									4:54a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	NE	E	E	E
Wind movement	15	17	16	18	18	18	17	15	15	12	13	9

Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	26	28	

Total depth of snow for 24 hours ending 7 p. m., 1.4 inches.
Snow, sleet, and hail on ground 7 p. m., 1.4 inches.
Total snowfall, midnight to midnight, 1.9 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 325
Average hourly velocity, 13.5 Extreme velocity, 23
Maximum velocity, 23 Direction, E
Time began, 7:46 pm
Reduced barometer, 30.16 7 a. m. 29.837 p. m.
River gage, 5.9 fall
Relative humidity, 76 7 a. m. 94 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

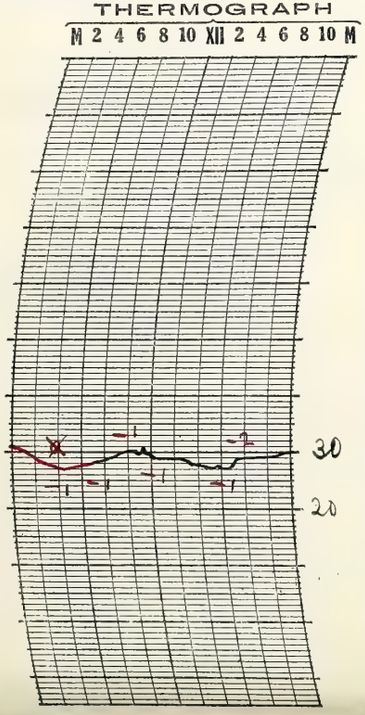
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

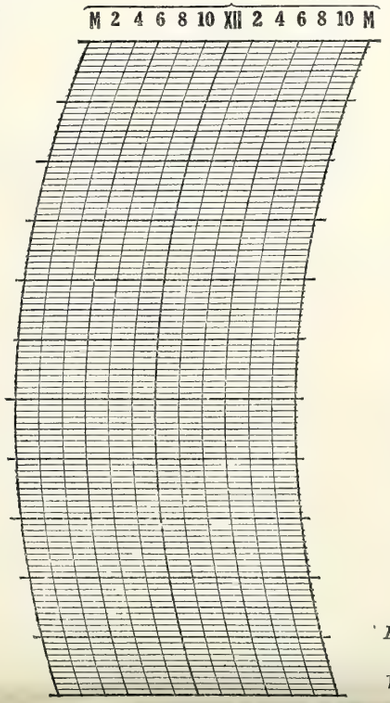
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 29.0 Wet temperature, 27.8
Dew-point, 26 R. humidity, 87 V. pressure, 136
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

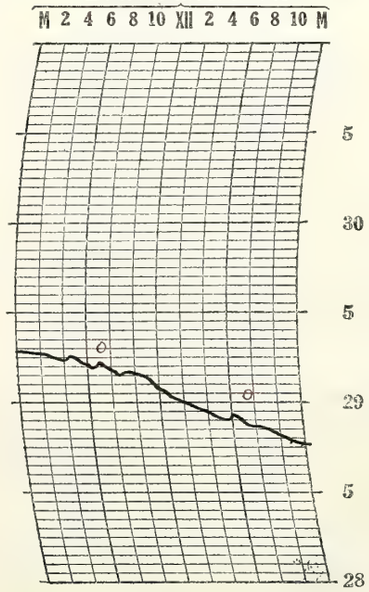
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.W.
Verified by P. McDonough

NOTES

° Estimated
Lunar halo, 22° radius, at 1:15 am. Circle complete but faint.
The cloudiness increased in the early morning and snow began before noon. The snow changed to rain late at night.
The temperature range was small and it remained a few degrees below freezing all day.

× Clock stopped; record interpolated

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	29	31	31	32	34	35	35	36	37	38
Nature of precipitation and time of beginning and ending											RE 10:45	
Amounts of precipitation				0 13					.12			
Cloudiness and other conditions							Dense Fog				Fog	Cloudy
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	SE	SE	S	0	0	S	SW	NW	W	SW
Wind movement	7	4	4	3	4	5	4	8	8	4	5	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	36	35	35	35	34	34	34	34	34
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	.5	.4	0	0	0						
Wind direction	W	W	W	W	SW	SW	W	W	W	W	W	W
Wind movement	10	12	11	11	11	10	11	11	12	10	14	16

Sunrise: Time, 6:37 Character, Foggy
Moonrise: 3:18p Cloudy
Sunset: Time, 5:14 Character, Cloudy
Moonset: 5:41a Foggy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

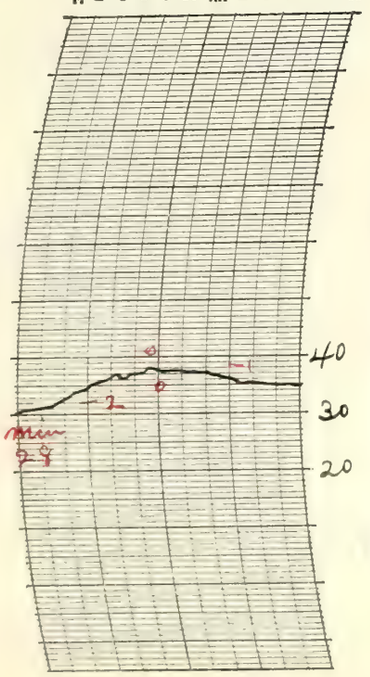
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	28	33	

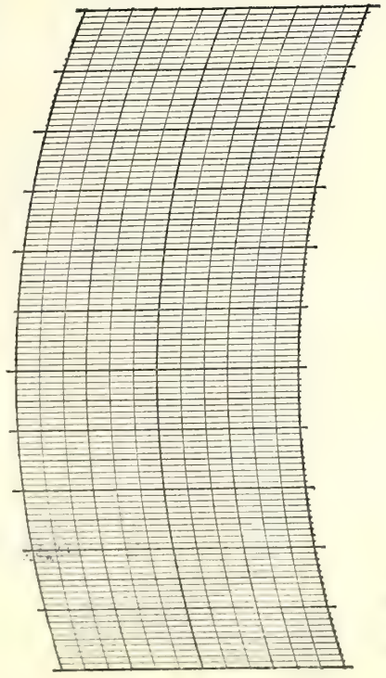
Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .25 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.9 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 8
Prevailing wind direction, W Total wind, 203
Average hourly velocity, 8.5 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 11:37 PM.
Reduced barometer, 29.61 7 a. m. 29.86 7 p. m.
River gage, 5.0 feet
Relative humidity, 100 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 37.7 Wet temperature, 37.2
Dew-point, 37 R. humidity, 96 V. pressure, .219
Clouds: Amount, 10 7; Kind, ~~Fog~~ 97; Direction, W
Velocity of clouds (miles per hour)

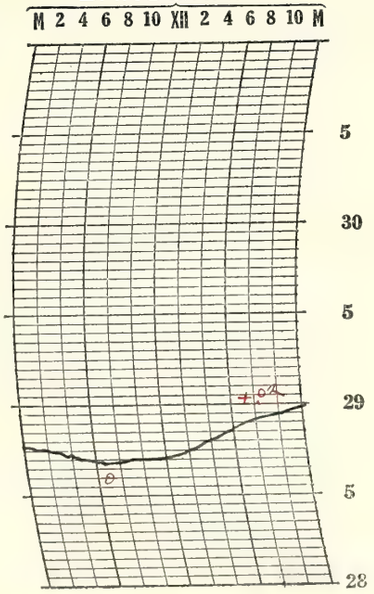
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.L.R.

Verified by C. McDonough

8—486

NOTES

°Estimated. Snowfall to 7 am. 0.5 inch considerable melting. Snow on ground at 7:00 am 1.5

Dense fog began during the night am and changed to light fog at 10:30 am. The light fog ended 1:20 p.m. Rain occurred during the forenoon. The fall was moderately heavy between 6:00 am and 7:00 am. Mostly cloudy into the night. Moon visible through clouds at times.

Moderate temperature. Melting snow on pavements.

Glaze formed on objects in the early morning. At 7:00 am it measured 0.1 in. in thickness but had melted at 8:30 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 15 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	34	34	34	34	34	33	34	36	38
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy				X+Cldy	
Sunshine (in tenths of hours)							0	0	0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	SW	W	W	W	W	SW	SW
Wind movement	14	12	8	8	10	8	7	6	8	8	8	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	44	45	44	42	40	40	41	42	42	43
Nature of precipitation and time of beginning and ending											RB 10:35 RE 10:45	
Amounts of precipitation											T	
Cloudiness and other conditions		Cloudy		X		P+Cldy		X		Cldy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	5	5	6	7	7	3	6	7	7	11	9	10

Sunrise: Time, 6:35 Character, Cloudy
Moonrise: 4:19p Cloudy
Sunset: Time, 5:15 Character, Cloudy
Moonset: 6:21a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.6 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 71
Prevailing wind direction, W Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 22
Maximum velocity, 18 Direction, W
Time began, 12:10 am
Reduced barometer, 30.097 a. m. 30.037 p. m.
River gage, 4.8 feet
Relative humidity, 85 7 a. m. 70 7 p. m.

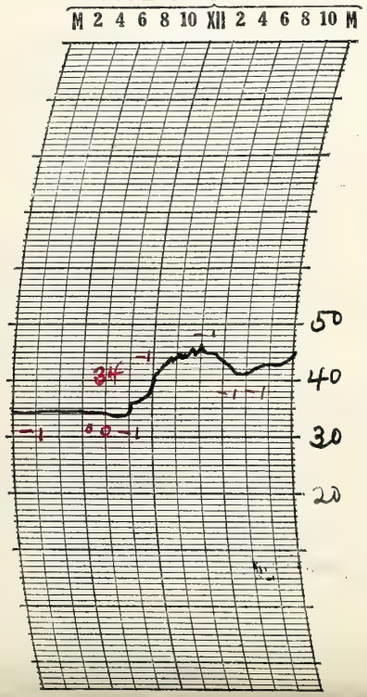
Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 34.7
Dew-point, 30 R. humidity, 71 V. pressure, 164
Clouds: Amount, 2; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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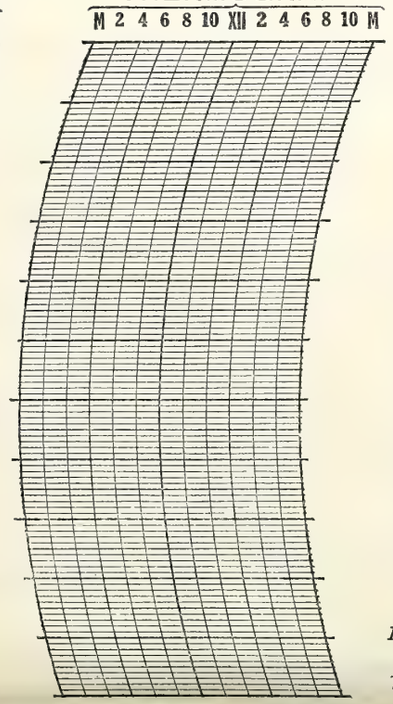
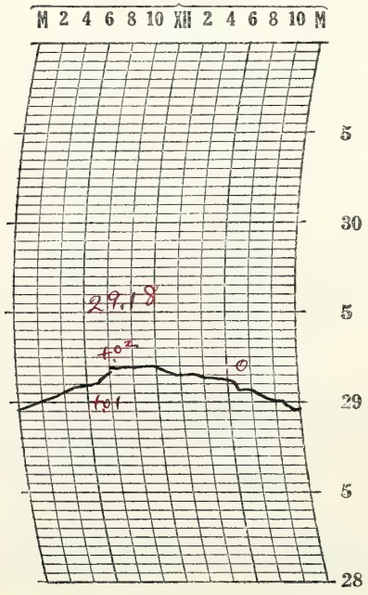


BAROGRAPH.



NOTES

The sky was heavily overcast for a while in the morning. It became cloudless in the afternoon but clouded up again and a light shower occurred late at night. The moon was visible at time through the clouds.

Moderate temperatures. The snow melted rapidly and some pavements dried off.

Prepared by OGR.

Verified by P. McDonough

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	47	49	51	51	51	50	53	58	60	61
State of weather: Nature of precipitation and time of beginning and ending				RB +E DNa								
Amounts of precipitation				T								
Cloudiness and other conditions				Cloudy	×	Pt cldy	×				Clear	
Sunshine (in tenths of hours)							0	0.2	0.9	1.0	1.0	1.0
Wind direction	S	S	S	S	SW	SW	S	S	SW	SW	SW	SW
Wind movement	10	12	15	18	17	15	15	15	13	21	22	23
Maximum velocities (exceeding 29 miles) direction and time												31 SW 11:52

Sunrise: Time, 6:34 Character, Cloudy
Moonrise: 5:19p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	61	60	58	55	52	50	45	41	40	40
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×		Pt cldy	×	Clear	×	Cldy	×
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	W
Wind movement	22	22	19	15	13	9	8	11	9	8	8	7
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 5:16 Character, Cloudy
Moonset: 6:53a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	40	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, Full 10:18 a
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.9 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 83
Prevailing wind direction, SW Total wind, 347
Average hourly velocity, 14.5 Extreme velocity, 32
Maximum velocity, 31 Direction, SW
Time began, 11:52 am
Reduced barometer, 29.63 7 a. m. 29.70 7 p. m.
River gage, 6.5 ft
Relative humidity, 78 7 a. m. 66 7 p. m.

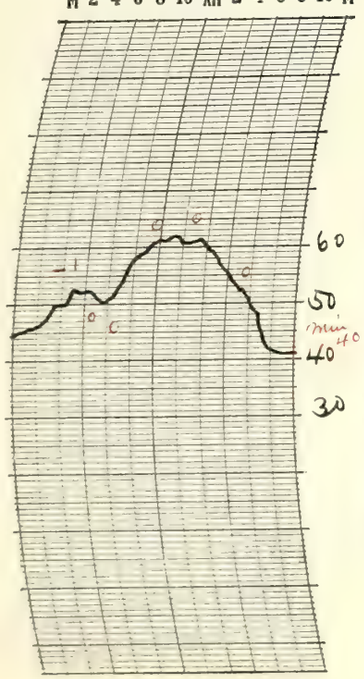
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

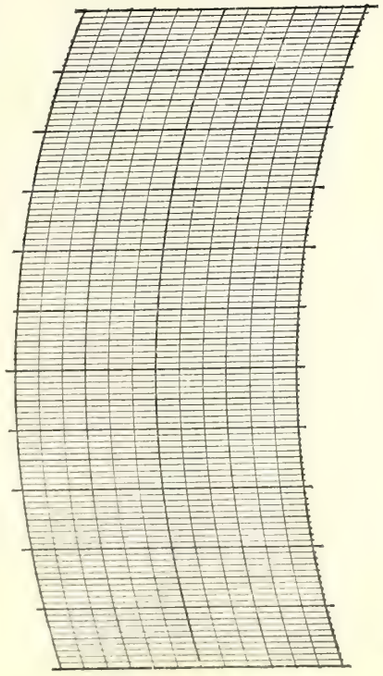
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 60.6 Wet temperature, 57.8
Dew-point, 44 R. humidity, 55 V. pressure, .287
Clouds: Amount, 1; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

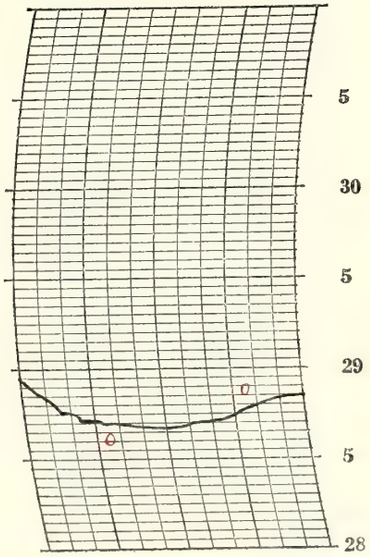
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A thunderstorm accompanied by a light shower occurred between 3:00 am and 4:00 am. Bright flashes of lightning continued for sometime to the southeast of the station. It was partly cloudy morning and evening with mostly clear during the day. Clear for a while at night with bright moonlight. It clouded up in a few minutes about 9:10 p.m. and remained cloudy into the night.

The weather was warm and quite pleasant for the season. Maximum temperature 62°. The snow on the ground disappeared during the day. Strong Southwest winds.

Solar halo, 22°, no dim, observed 1:05 p.m. to about 1:20 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 17 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	37	37	38	38	37	38	39	41	44	45	46	47	46	45	43	42	42	41	40	39	38
State of weather: Nature of precipitation and time of beginning and ending																RB 3:10 RE 3:20	RB 4:15							
Amounts of precipitation																T	T	T	T			.06		T
Cloudiness and other conditions																								

Dense Fog All Fog — Cloudy

Sunrise: Time, 6:33; Character, Foggy
Moonrise: 6:19p; Cloudy
Sunset: Time, 5:18; Character, Cloudy
Moonset: 7:24a; Foggy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.6	0	0	0	0						
Wind direction	W	NW	N	E	E	E	E	SE	SE	SE	E	E	E	NE	NE	NE	NE	N	N	N	N	N	N	N
Wind movement	7	6	4	3	3	4	3	4	6	5	3	3	2	6	6	5	11	12	10	9	8	12	13	13

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

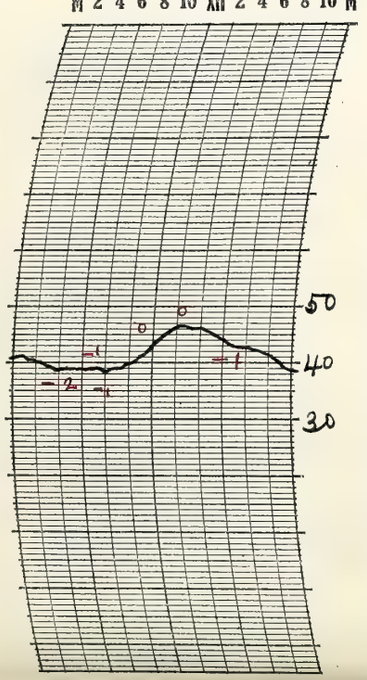
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 6
Prevailing wind direction, N Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 16
Maximum velocity, 16 Direction, N
Time began, 9:53 p m
Reduced barometer, 29.827 a. m. 29.777 p. m.
River gage, 7.3 fall
Relative humidity, 100 7 a. m. 94 7 p. m.

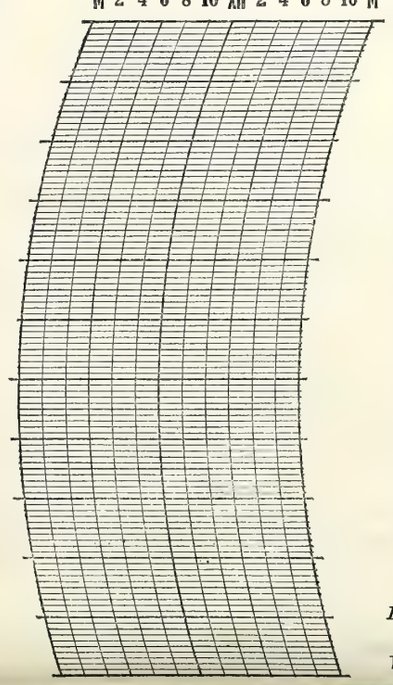
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 44.0 Wet temperature, 42.0
Dew-point, 40 R. humidity, 85 V. pressure, 1247
Clouds: Amount, 10 S; Kind, St Lu Fog; Direction, SW SE
Velocity of clouds (miles per hour)

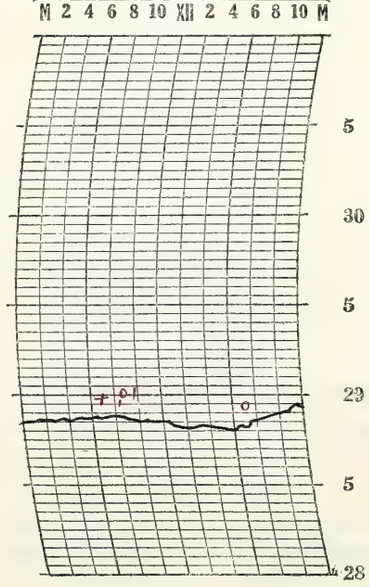
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. A. R.
Verified by P. M. Dorough

8—486

NOTES

Dense fog began during the night and changed to light fog at 8:00 am, the light fog ended at 12:30 p.m. Light rain occurred during the afternoon and night. Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	29	27	25	24	21	20	19	19	19	18	18
State of weather: Nature of precipitation and time of beginning and ending	RE DN										SPB 10:20	SDE 11:25
Amounts of precipitation	T										T	T
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, Character	6:31 Cloudy											
Moonrise	7:18p Cloudy											
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	17	20	17	19	15	17	17	17	20	20	18	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	20	21	22	22	22	22	21	20	19	19	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy								× Partly			
Sunset: Time, Character									5:19 Cloudy			
Moonset									7:51a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0	0						
Wind direction	N	NE	NE	NE	N	N	N	N	NE	NE	NE	NE
Wind movement	20	19	18	18	18	16	16	15	18	18	15	16

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

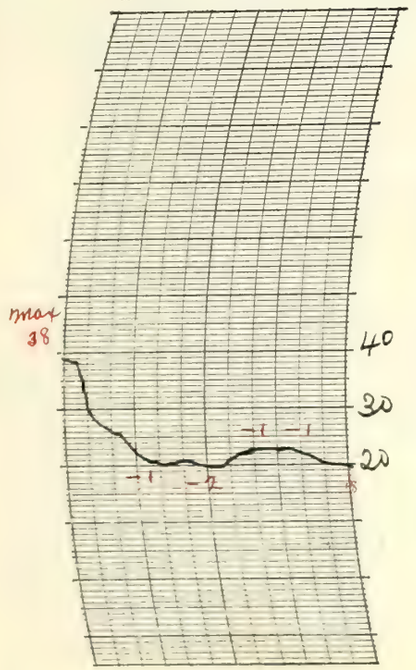
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	18	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.6 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 61
Prevailing wind direction, N Total wind, 423
Average hourly velocity, 17.6 Extreme velocity, 29
Maximum velocity, 26 Direction, N
Time began, 9:50 am
Reduced barometer, 30.11 7 a. m. 30.20 7 p. m.
River gage, 8.1 fell
Relative humidity, 70 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.2 Wet temperature, 16.3
Dew-point, 11 R. humidity, 70 V. pressure, .066
Clouds: Amount, 2; Kind, St-cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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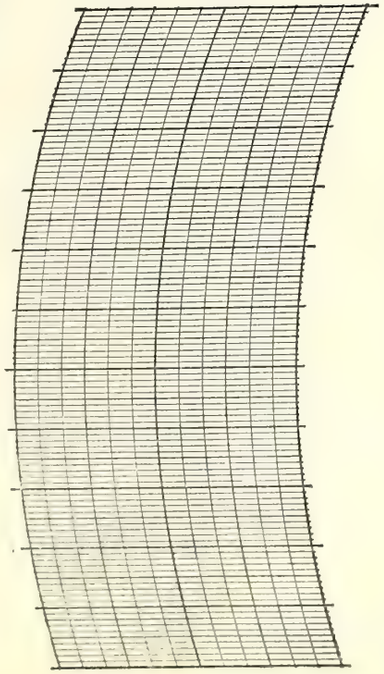
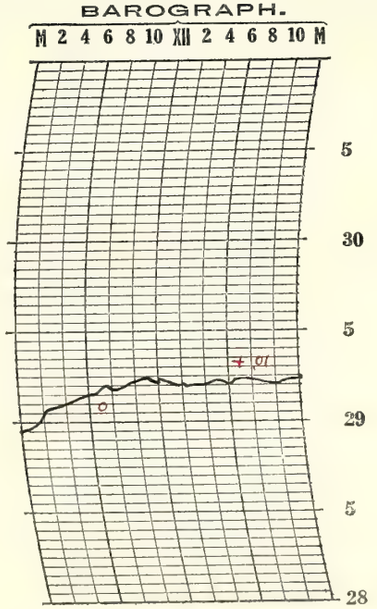


BAROGRAPH.



Prepared by O.K.

Verified by

8—486

NOTES

Light rain occurred in the early morning and light flurries of snow in the forenoon. The sky remained mostly overcast all day but there was considerable sunshine recorded through the thin clouds. Partly cloudy into the night with moonlight late at night.

The temperature fell rapidly during the early morning and it was rather cold all day. Cold north wind.

Solar halo, 22° radius, observed 6:45 am to 12:55 p.m.

Lunar halo, 22° radius observed 10:15 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 19 1927, 192

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	16	24	

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	16	16	16	16	16	17	21	25	28	31	32	33	32	33	31	29	28	27	27	26	25	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear						Pt cldy						Cloudy		
Sunshine (in tenths of hours)							0.2 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	17	17	16	16	16	15	18	19	20	23	25	25	25	25	24	24	25	22	24	25	23	23	25
Maximum velocities (exceeding 29 miles) direction and time													30 NE 12:55	30 NE 1:46			30 NE 4:14				30 NE 8:05			

Sunrise: Time, 6:30 Character, Cloudy
Moonrise: 8:17p Cloudy

Sunset: Time, 5:20 Character, Cloudy
Moonset: 8:15a Clear

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.3 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 86
Prevailing wind direction, NE Total wind, 507
Average hourly velocity, 21.1 Extreme velocity, 33
Maximum velocity, 30 Direction, NE
Time began, 12:55 p.m.
Reduced barometer 30.207 a. m. 30.167 p. m.
River gage, 8.2 feet
Relative humidity, 79 a. m. 39 p. m.

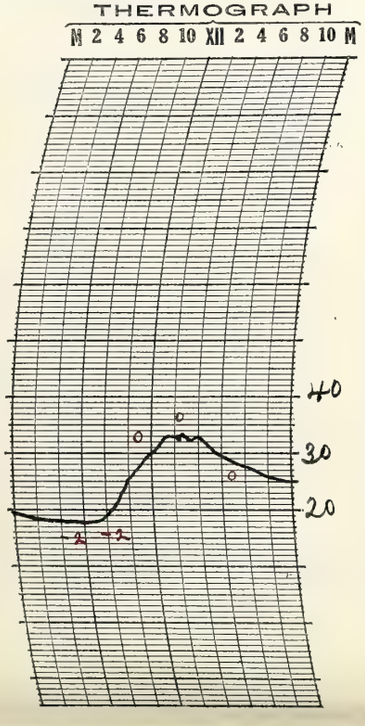
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.8 Wet temperature, 25.7
Dew-point, 12 R. humidity, 43 V. pressure, .070
Clouds: Amount, 2; Kind, cst; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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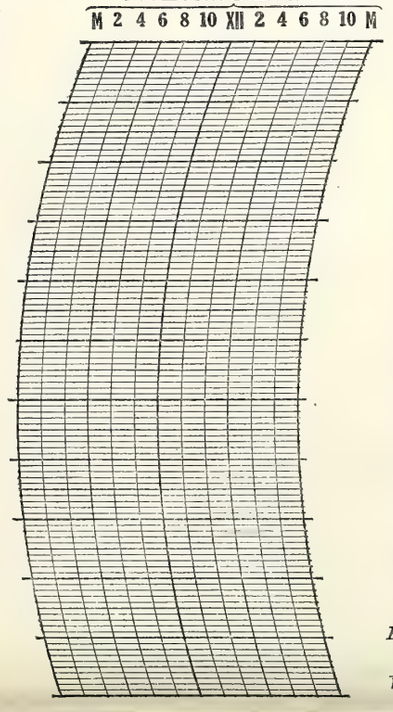
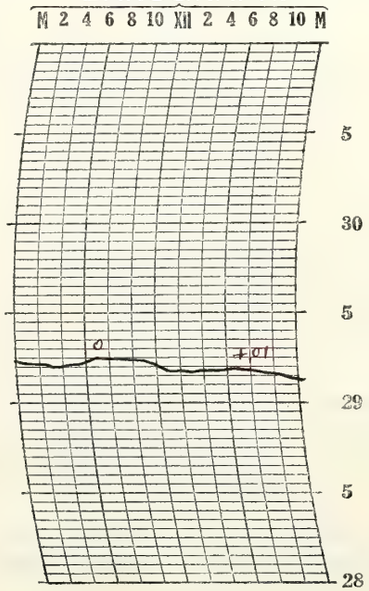


BAROGRAPH.



Prepared by O.G.P.
Verified by P. McDonough

8—486

NOTES

Moonlight in early morning. The sky was mostly clear until the middle of the afternoon. The cloudiness increased gradually from the southeast quarter of the sky. Partly cloudy in the afternoon and evening and overcast late at night.

The temperature rose from early morning but the strong northeast wind made it seem rather cold all day.

Solar halo, 22° radius observed 2:00 p.m. to 3:40 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 20 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	22	22	22	23	23	23	23	21	20
State of weather: Nature of precipitation and time of beginning and ending										SNB 9:40		
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	22	22	25	24	24	22	18	19	19	19	17	14
Maximum velocities (exceeding 29 miles) direction and time			31 NE 2:09	30 NE 3:19								

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	21	21	22	22	22	22	22	22	22	22
State of weather: Nature of precipitation and time of beginning and ending											SNE DN	
Amounts of precipitation		.04							.04			
Cloudiness and other conditions												Clear
Sunshine (in tenths of hours)	0	0.4	0	0	0	0						
Wind direction	NE	NE	NE	N	N	N	N	N	N	N	N	N
Wind movement	14	10	12	10	7	7	7	6	6	4	4	5

Sunrise: Time, 6:29 Character, Cloudy

Moonrise: 9:14p Cloudy

Sunset: Time, 5:21 Character, Cloudy

Moonset: 8:38a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	20	22	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow, sleet, and hail on ground 7 p. m., 0.5 inches.

Total snowfall, midnight to midnight, 1.0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.4 Possible sunshine, hours, 10.9

Per cent of possible sunshine, 4

Prevailing wind direction, NE Total wind, 337

Average hourly velocity, 14.0 Extreme velocity, 32

Maximum velocity, 31 Direction, NE

Time began, 2:09 am

Reduced barometer, 29.94 7 a. m. 29.89 7 p. m.

River gage, 8.4 fall

Relative humidity, 48 7 a. m. 79 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

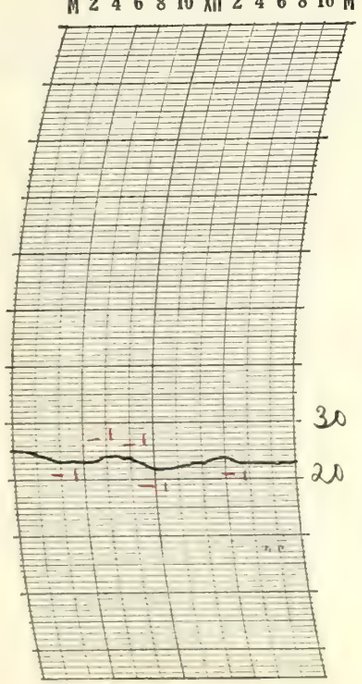
Dry temperature, 20.0 Wet temperature, 18.8

Dew-point, 16 R. humidity, 82 V. pressure, .085

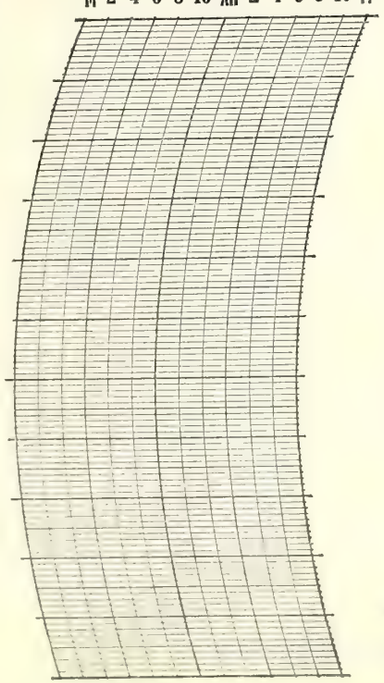
Clouds: Amount, 10; Kind, Nb; Direction, NE

Velocity of clouds (miles per hour)

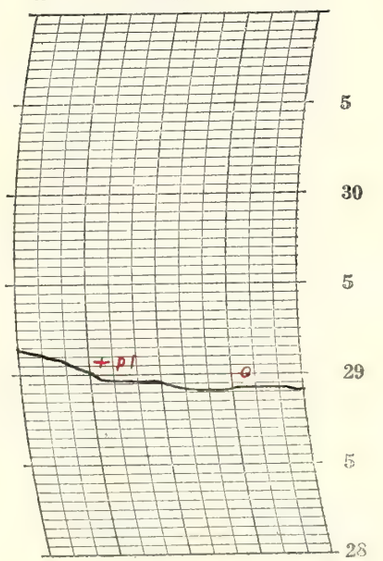
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.M.

Verified by P. McDonough

8—486

NOTES

Snow began before noon and continued steadily until late at night. The total snowfall was one inch. The sky appeared mostly clear at midnight with moonlight.

It was rather cold all day and the range in temperature was small. The wind continued along from the northeast during the forenoon. The sunshine recorded through the thin snow clouds for a short while in the afternoon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 21 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	20	21	20	23	26	27	27	29	30	34	36	38	40	43	43	41	40	39	37	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear?		×			Cloudy				×			Clear											
Sunshine (in tenths of hours)							0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	37 0						
Wind direction	N	NW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	5	5	6	7	8	6	6	8	9	9	9	8	9	11	9	8	8	6	5	7	11	10	8	7

Sunrise: Time, 6:27 Character, Cloudy
Moonrise: 10:13p Clear

Sunset: Time, 5:22 Character, Clear
Moonset: 9:02a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

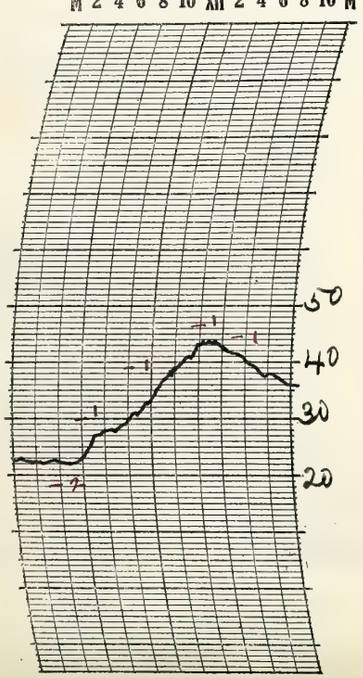
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	20	32	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.9 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 91
Prevailing wind direction, SW-W Total wind, 185
Average hourly velocity, 7.7 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 2:03 PM.
Reduced barometer, 29.88 7 a. m. 29.87 7 p. m.
River gage, 5.9 feet
Relative humidity, 75 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.4 Wet temperature, 29.2
Dew-point, 20 R. humidity, 52 V. pressure, .103
Clouds: Amount, 1; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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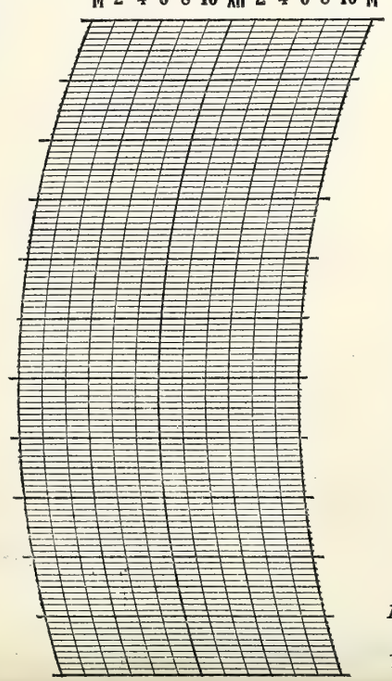
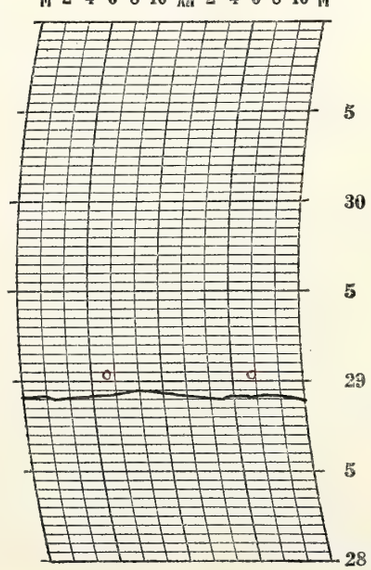


BAROGRAPH.



Prepared by O.W.R.

Verified by P. W. McDonough

8—486

NOTES

Snow to 7:00 am 0.5 inch
Snow on ground 7:00 am 1.0 inch
Moonlight in early morning.
By observation.
The sky was clear for a while after midnight a.m. but became cloudy for a while in the forenoon. The cloudiness decreased towards noon and for a while in the afternoon it was cloudless. Clear into the night. Stars bright.
It was cold in the early morning but the temperature rose quite rapidly.
Solar halo, 22° radius, observed 7:30 am, also parhelia at right & left of Sun and circumzenithal arc. The halo was faint and ended 10:15 am. Other phenomena brilliantly colored - all colors of spectrum visible, ended about 8:30 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 22 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	35	35	37	39	40	41	43	46	50	51
Nature of precipitation and time of beginning and ending								RB 7:50 RE 7:55				
Amounts of precipitation								T				
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	7	8	8	8	9	10	12	13	14	16	18	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	54	53	52	52	49	47	46	44	43	42	41
Nature of precipitation and time of beginning and ending	RB 12:25	RE 1:05	RB 2:30	RE 3:20								
Amounts of precipitation	T	T	T	T								
Cloudiness and other conditions	Pcldy	Cldy	Cldy	Cldy	Pcldy	Pcldy			Clear			
Sunshine (in tenths of hours)	0.4	1.0	0.3	0.1	0.1	40 0						
Wind direction	SW	S	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	19	19	17	12	10	8	8	11	11	10	10	12

Sunrise: Time, 6:26 Character, Cloudy

Moonrise: 11:13p Clear

Sunset: Time, 5:24 Character, Clear

Moonset: 9:27a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	34	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.9 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 54

Prevailing wind direction, S-SW Total wind, 289

Average hourly velocity, 12.0 Extreme velocity, 25

Maximum velocity, 24 Direction, SW

Time began, 11:23am

Reduced barometer, 29.70 7 a. m. 29.64 7 p. m.

River gage, 5.1 fall

Relative humidity, 76 7 a. m. 86 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

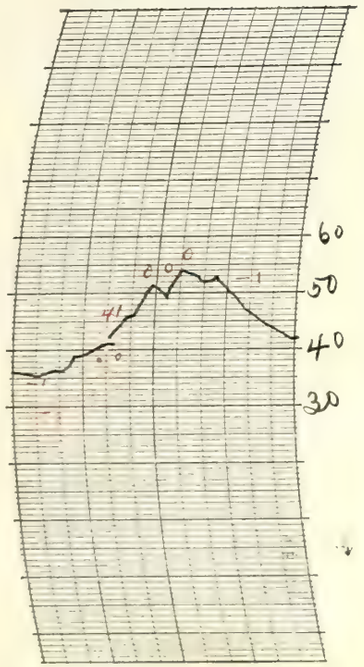
Dry temperature, 51.2 Wet temperature, 45.0

Dew-point, 38 R. humidity, 62 V. pressure, .228

Clouds: Amount, 9; Kind, St cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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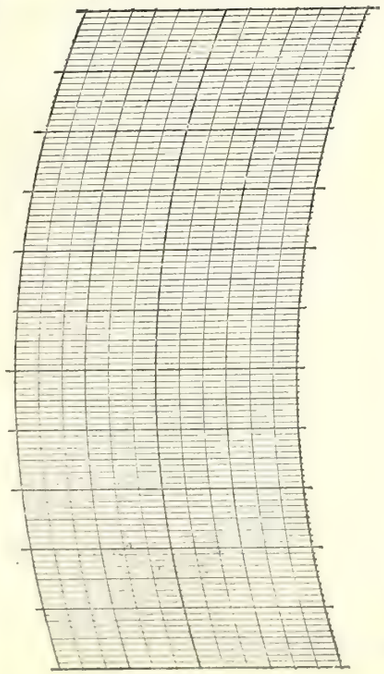
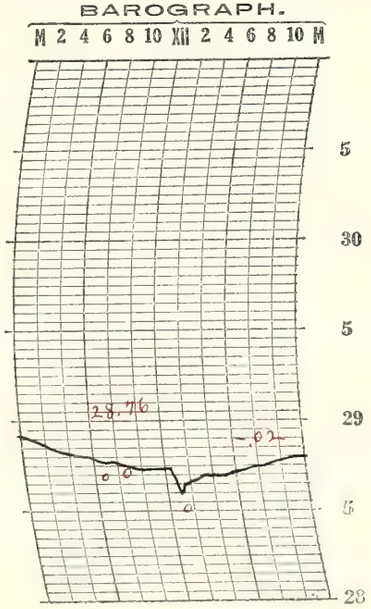


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was cloudy to partly cloudy during the day and light showers occurred in the morning and during the afternoon. Clear in the night. Stars bright.

Moderate temperatures. Weather quite pleasant for the season. The snow on ground disappeared during the day.

Between 12:40 p.m. and 1:00 p.m. the barometer fell 0.14 inch. Special observation to Chicago.

Solar halo, 22° radius, with parhelia at each side and left of Sun observed 1:05 p.m. to 1:20 p.m., very bright colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 23 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	42	40	38	37	36	37	39	43	45	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Pt. Cldy				X	Clear
Sunshine (in tenths of hours)							0.1	0.7	1.0	1.0	1.0	1.0
Wind direction	SW	W	W	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	8	10	12	6	5	9	10	10	7	9	8	9

Sunrise: Time, 6:24 Character, Cloudy
Moonrise: —

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	53	55	53	53	51	50	48	45	44	42	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			X	Pt. Cldy		X		Clear				→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	42 0						
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	W	W
Wind movement	9	9	9	8	8	6	5	7	7	4	1	2

Sunset: Time, 5:25 Character, Clear
Moonset: 9:55 a Cloudy

Maximum velocities (exceeding 59 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

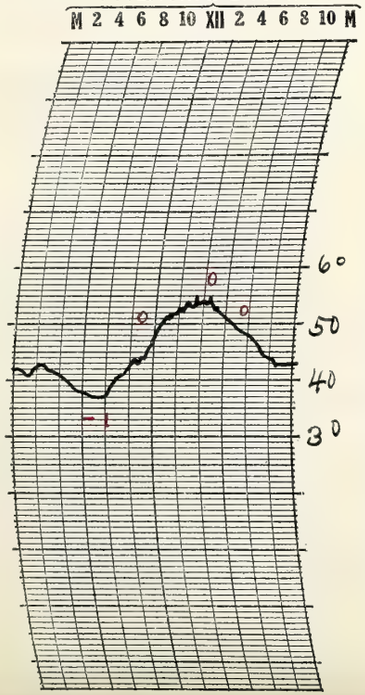
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.2 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 93
Prevailing wind direction, W Total wind, 178
Average hourly velocity, 7.4 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 2:20 am
Reduced barometer, 29.76 7 a. m. 29.84 7 p. m.
River gage, 4.4 fall
Relative humidity, 87 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.2 Wet temperature, 41.2
Dew-point, 31 R. humidity, 49 V. pressure, .172
Clouds: Amount, 1; Kind, a St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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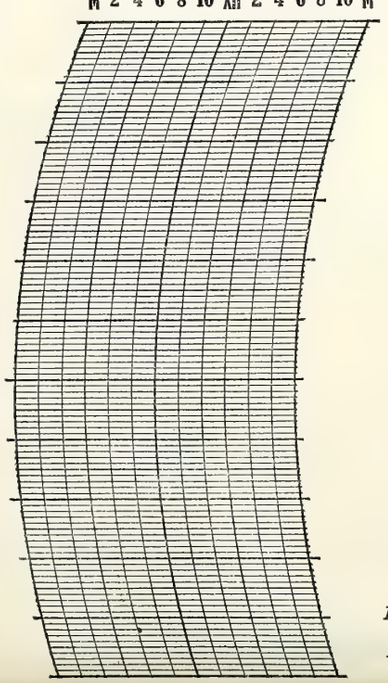

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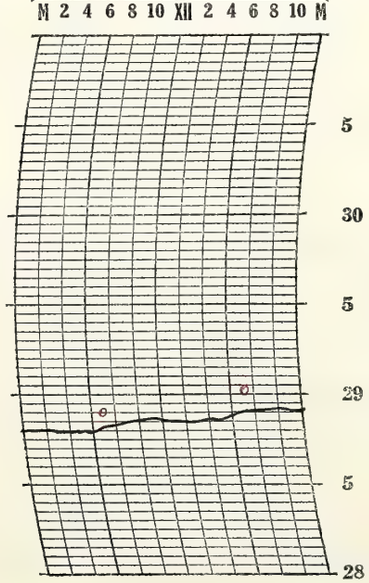


Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES * Direction interpolated.

Heavy dew in early morning. It was partly cloudy in the morning and for a while in the afternoon, but the day as a whole was clear. It continued clear into the night. Stars bright.

Moderate temperatures continued. The weather was fine for the season.

Solar halo, 22° radius, with parhelia at right and left of sun observed 7:25 am; Circumzenithal arc at 7:40 am; 46° Solar halo at 7:42 am for a few minutes; parhelia and circumzenithal arc ended 9:15 am and 22° halo ended about 9:45. All phenomena except small halo brightly colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 24 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	38	41	40	40	40	40	42	47	48	52
Nature of precipitation and time of beginning and ending				RB DN			RE 6:30					
Amounts of precipitation					.05							
Cloudiness and other conditions						Cloudy			Clear			
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0
Wind direction	W	W	SW	W	NW	NW	NE	SE	S	SW	W	W
Wind movement	2	3	7	7	9	9	4	3	6	8	11	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	53	52	51	50	47	45	43	42	41	41	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy				Clear				Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.7	43 0						
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	E
Wind movement	17	16	14	14	9	7	5	4	2	1	1	4

State of weather.

Sunrise: Time, 6:23 Character, Cloudy

Moonrise: 12:15a Clear?

Sunset: Time, 5:26 Character, Clear

Moonset: 10:27a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	38	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Clear Moon phase, Last Quarter 2:42 p

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.5 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 86

Prevailing wind direction, W-NW Total wind, 177

Average hourly velocity, 7.4 Extreme velocity, 23

Maximum velocity, 21 Direction, W

Time began, 12:24 p.m.

Reduced barometer 29.87 7 a. m. 29.99 7 p. m.

River gage, 4.2 feet

Relative humidity, 92 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

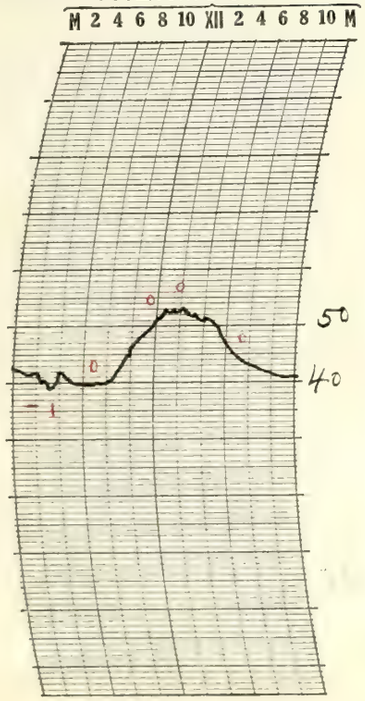
Dry temperature, 52.0 Wet temperature, 43.7

Dew-point, 34 R. humidity, 50 V. pressure, .195

Clouds: Amount, 1; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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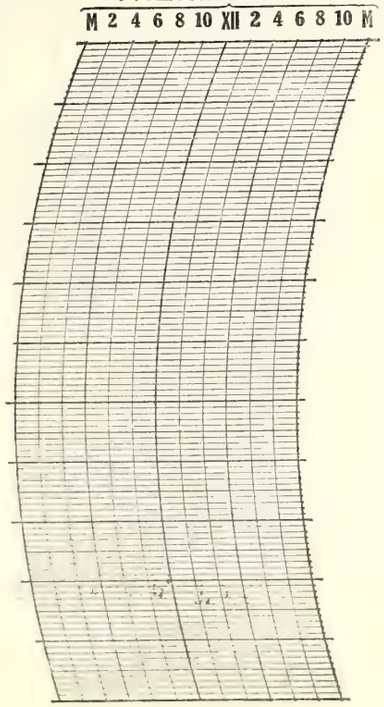
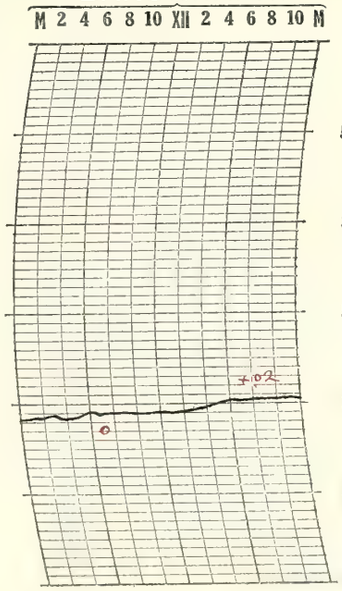


BAROGRAPH.



Prepared by O. E. P.

Verified by P. McDonough

8—486

NOTES

A small shower occurred in the early morning. There was some cloudiness at times but the day as a whole was clear. It was cloudless for a while at night with stars bright but it became overcast after 8:30 p. m. and remained cloudy into the night.

The weather continued rather pleasant for the season. Moderate temperatures.

The Planet, Mercury, visible above western horizon shortly after sunset.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 25 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	39	38	36	34	34	33	32	32	32
Nature of precipitation and time of beginning and ending				RB Dr				RE SmB 7:35				SmE 11:20
Amounts of precipitation				←		.05		×	.23			→
Cloudiness and other conditions				←							Cloudy	→
Wind direction	SE	E	E	NE	NE	NE	E	E	NE	N	N	NW
Wind movement	5	5	5	3	7	9	10	8	7	13	13	21
Sunshine (in tenths of hours)							0	0	0	0	0	0

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	29	30	30	30	29	28	27	27	26
Nature of precipitation and time of beginning and ending							SmB 6:00		SmE 8:15			
Amounts of precipitation							T	T	T			
Cloudiness and other conditions				X	Pt cldy	X	Cldy		X	Pt cldy		→
Wind direction	NW	NW	NW	NW	W	W	W	W	W	W	W	W
Wind movement	22	20	23	18	14	10	11	11	10	10	9	10
Sunshine (in tenths of hours)	0.3	0.7	0.9	0.8	0.6	0						

Sunrise: Time, 6:21 Character, Cloudy
Moonrise: 1:17a Cloudy

Sunset: Time, 5:27 Character, Cloudy
Moonset: 11:04a Cloudy

Maximum velocities (exceeding 39 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

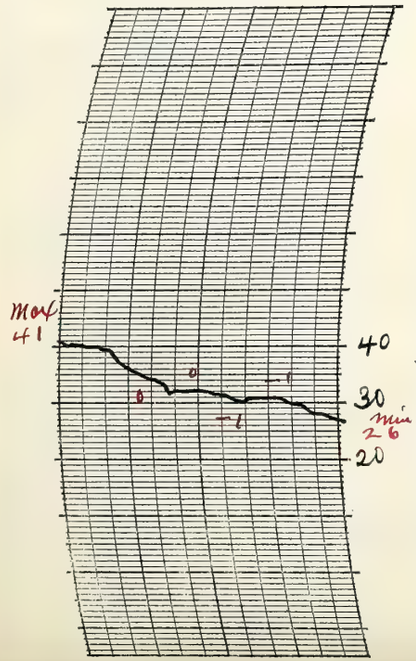
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	26	34	

Total depth of snow for 24 hours ending 7 p. m., 2.0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 2.0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, .28 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.3 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 30
Prevailing wind direction, W Total wind, 274
Average hourly velocity, 11.4 Extreme velocity, 30
Maximum velocity, 28 Direction, NW
Time began, 11:40 am
Reduced barometer, 29.80 7 a. m. 29.95 7 p. m.
River gage, 4.4 fell
Relative humidity, 90 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 32.0
Dew-point, 32 R. humidity, 100 V. pressure, 180
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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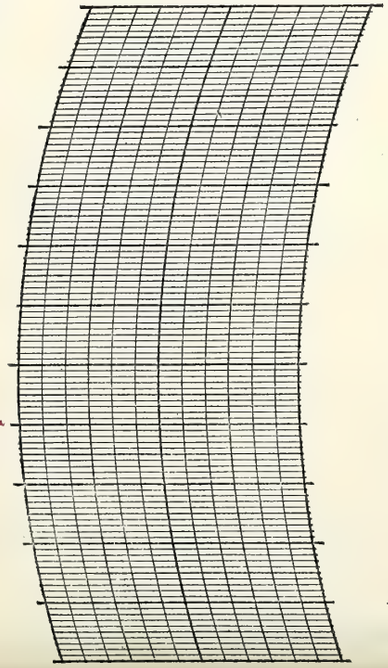
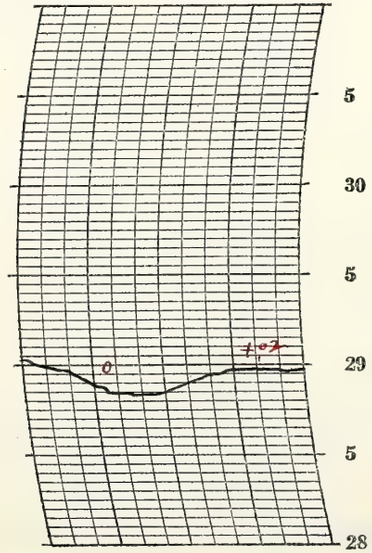


BAROGRAPH.



Prepared by O.A.P.
Verified by A. McDonough

8—486

NOTES

Rain began in the early morning and changed to snow about 7:35 am. Light snow also fell in the evening. The heavy clouds broke up some during the afternoon and the sunshine at intervals. It was partly cloudy into the night with stars visible at intervals.

The temperature was above freezing in the early morning but fell steadily and was below freezing late at night. The snow melted some after it fell. Pavements became icy in places at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	23	22	21	22	24	26	28	28	28
State of weather: Nature of precipitation and time of beginning and ending							SPB 6:20 SDE 6:55	SPB 7:30				
Amounts of precipitation							T	T	T	T	T	T
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:20 Cloudy											
Moonrise:	2:20a Cloudy?											
Sunshine (in tenths of hours)							0	0.2	0.7	1.0	0.8	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	NW
Wind movement	9	8	8	6	8	7	5	7	10	11	11	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	29	28	26	26	24	24	24	24	24	24
State of weather: Nature of precipitation and time of beginning and ending		SDE 1:40			SPB 4:30						SDE DN	
Amounts of precipitation	T	T			T	T	T	T	T	T	T	
Cloudiness and other conditions							Pt Cldy		Cldy			
Sunset: Time, Character,									5:28 Cloudy			
Moonset:									11:49a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.9	0.4	0						
Wind direction	W	NW	NW	W	W	W	NW	W	NW	NW	NW	W
Wind movement	15	15	16	18	18	16	15	13	15	14	12	14

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	21	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 1.3 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.1

Per cent of possible sunshine, 70

Prevailing wind direction, W Total wind, 284

Average hourly velocity, 11.8 Extreme velocity, 22

Maximum velocity, 21 Direction, W

Time began, 3:54 p.m.

Reduced barometer, 29.91 7 a. m. 29.96 7 p. m.

River gage, 5.3 feet

Relative humidity, 93 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

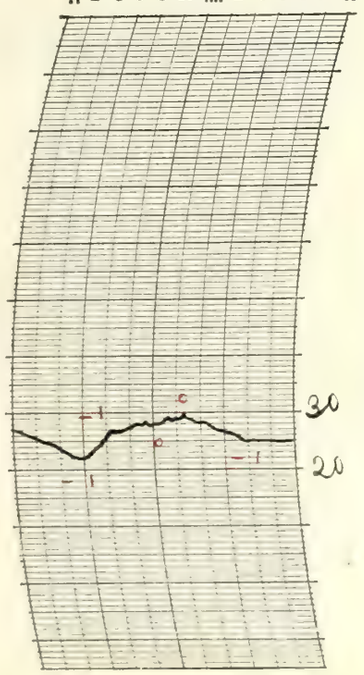
Dry temperature, 27.9 Wet temperature, 25.7

Dew-point, 22 R. humidity, 74 V. pressure, .113

Clouds: Amount, 8; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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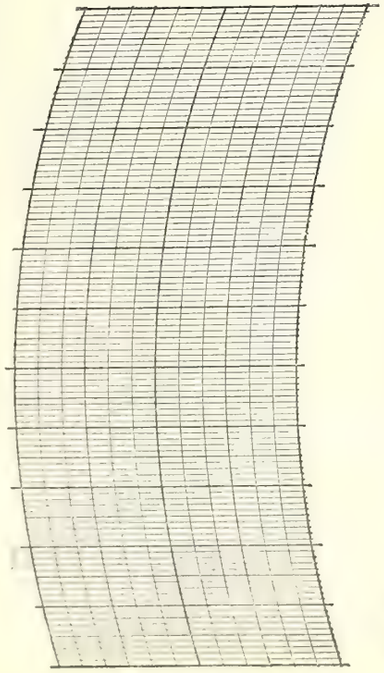
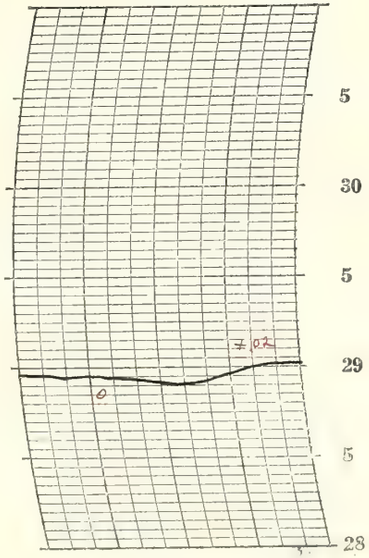


BAROGRAPH.



Prepared by C.E.P.

Verified by P. McGonigle

8—450

NOTES

The sky continued mostly cloudy the greater part of the time with light flurries of snow. The clouds were thin and sunshine was recorded for a considerable part of the time. Stars visible for a while in the evening but it was cloudy late at night. The snow flurries continued into the night.

The weather was rather cold and not so pleasant. Packed snow and ice in places on pavements.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	24	24	24	23	23	23	23	23	23	24	26	27	28	28	28	28	27	27	27	27	27	26
State of weather: Nature of precipitation and time of beginning and ending										SDB 9:00	- - -	-	SDE 12:10		SDB 2:00	-	-	-	SDE 6:15	SDB 7:05	- -	SDE DNP		
Amounts of precipitation										T	T	T	T		T	T	T	T	T	T	T	T		
Cloudiness and other conditions						<							Cloudy											>

Sunrise: Time, 6:19 Character, Cloudy
Moonrise: 3:21a Cloudy
Sunset: Time, 5:29 Character, Cloudy
Moonset: 12:44p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	1.0	1.0	0.2	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	13	14	15	14	16	16	16	15	15	15	16	16	16	15	14	13	11	11	9	7	6	5	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

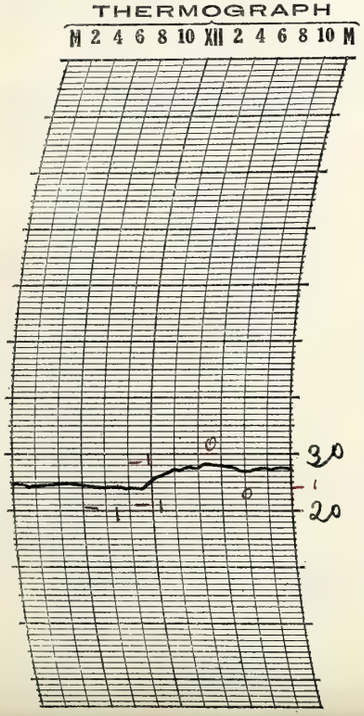
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	23	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.2 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 20
Prevailing wind direction, W Total wind, 301
Average hourly velocity 12.5 Extreme velocity, 21
Maximum velocity, 20 Direction, W
Time began, 5:09 am
Reduced barometer, 30.09 7 a. m. 30.30 7 p. m.
River gage, 5.5 fall
Relative humidity, 76 7 a. m. 76 7 p. m.

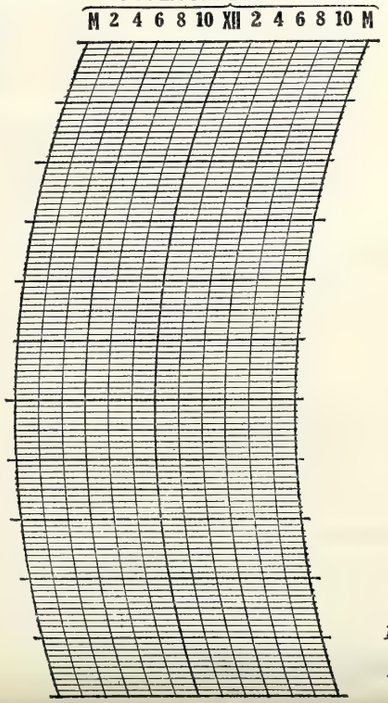
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 24.0 Wet temperature, 22.7
Dew-point, 20 R. humidity, 83 V. pressure, 103
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

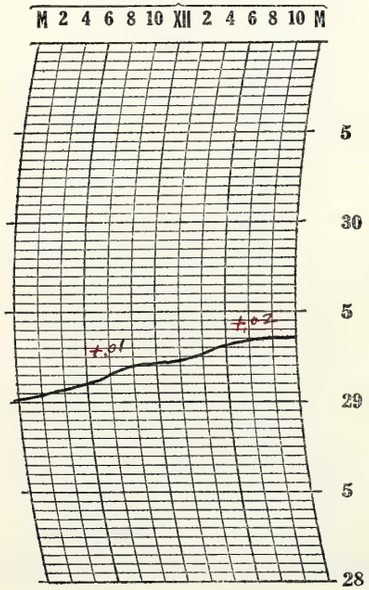
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.K.P.

Verified by P. McDonough

8—486

NOTES

Snow to 7:00 am Trace
The sky was mostly cloudy with light snow flurries. The total snowfall was very small. Cloudy into the night.
The thermometer stood below freezing all day and the range in temperature was small.
Some packed snow and ice on pavements

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	27	28	29	30	30	29	31	32	34	35
Nature of precipitation and time of beginning and ending				SDB DN				SDE 7:40				
Amounts of precipitation				<		.01	>	T				
Cloudiness and other conditions				<		Cloudy		Pt cldy	X	Clear		
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	NW	NW	NW	NW	N	N	N	N
Wind movement	7	8	8	5	5	7	5	7	7	5	6	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	33	33	32	31	31	30	30	29
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt cldy	X	Cloudy									
Sunshine (in tenths of hours)	1.0	0.5	0	0	0	0						
Wind direction	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	7	7	8	8	9	7	7	8	7	9	9

Sunrise: Time, 6:17 Character, Cloudy
Moonrise: 4:18a Cloudy

Sunset: Time, 5:31 Character, Cloudy
Moonset: 1:47p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

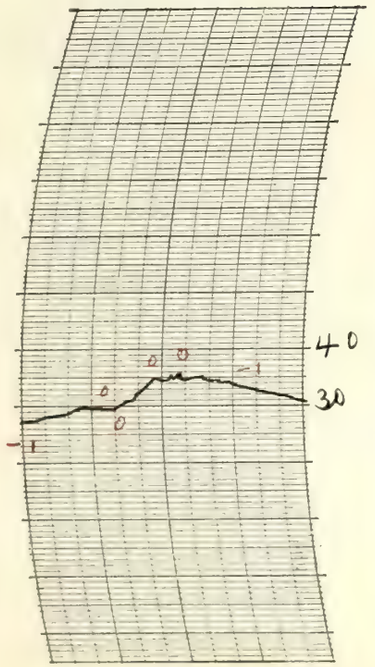
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	26	31	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.8 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.6 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 50
Prevailing wind direction, N Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 12:45 p.m.
Reduced barometer, 30.46 7 a. m. 30.52 7 p. m.
River gage, 5.7 feet
Relative humidity, 88 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 35.2 Wet temperature, 30.5
Dew-point, 23 R. humidity, 58 V. pressure, 11.8
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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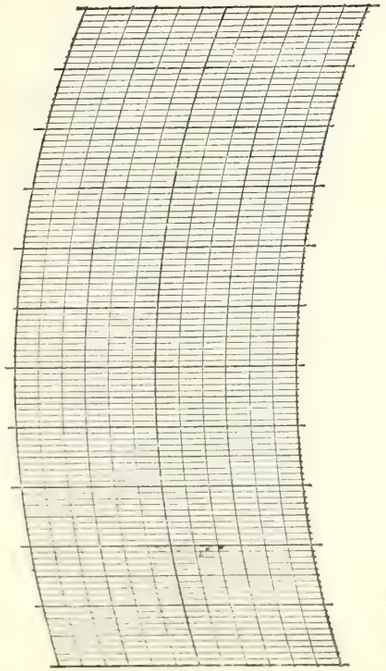
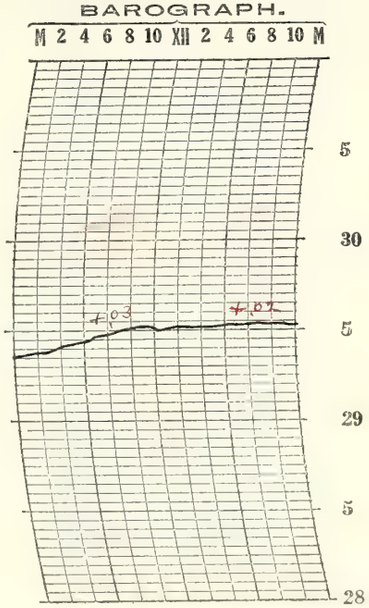


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—488

NOTES

Snowfall to 7:00 am 0.1 inch.
Snow on ground 7:00 am 1.4 inch
Snowfall 7:00 am to 7:00 p.m. Trace
a light snowfall occurred in the morning. The sky cleared somewhat during the middle of the day but it become overcast as air later and continued cloudy into the night.
The temperature averaged near the normal
Packed snow and ice on pavements in some places

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 1 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	28	28	28	27	27	27	27	27	26	26	26	27	27	26	25	25	25	23	23	22	21	19
State of weather: Nature of precipitation and time of beginning and ending									SmS 8:48	--	--	--	--	SmE 1:10	SmB 2:15	--	--	SmE 5:10						
Amounts of precipitation									T	T	T	T	T	T	T	T	T	T						
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.6	0.1	0	0	0						
Wind direction	NE	E	E	E	E	E	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE
Wind movement	7	8	7	8	9	7	8	7	12	11	14	13	14	16	15	16	17	14	20	17	17	17	16	14

Sunrise: Time, 6:15 Character, Cloudy
Moonrise: 5:09 a Cloudy
Sunset: Time, 5:32 Character, Cloudy
Moonset: 2:58 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

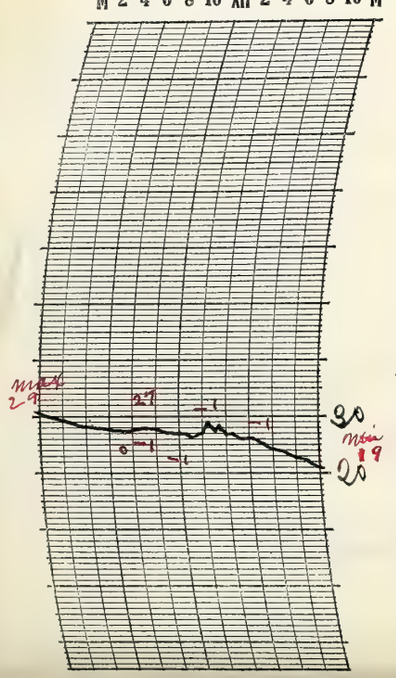
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	19	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.7 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 6
Prevailing wind direction, NE Total wind, 304
Average hourly velocity, 12.7 Extreme velocity, 24
Maximum velocity, 23 Direction, NE
Time began, 6:49 p m.
Reduced barometer, 30.44 7 a. m. 30.32 7 p. m.
River gage, 4.9 feet
Relative humidity, 69 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.1 Wet temperature, 23.8
Dew-point, 19 R. humidity, 72 V. pressure, .098
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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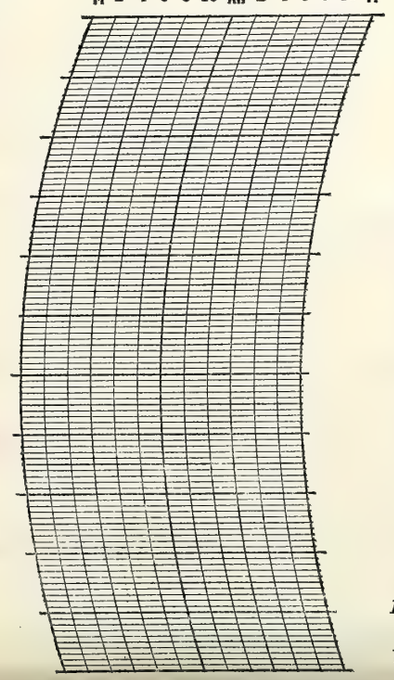
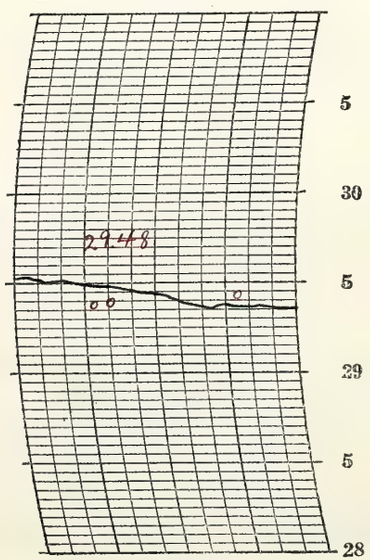


BAROGRAPH.



Prepared by O.E.R.

Verified by M. McDonough

8—486

NOTES

The sky continued heavily clouded the greater part of the day with light snow flurries most of the time. At times in the afternoon the sun shone through the clouds. Cloudy into the night.

Temperatures below freezing all day. The range in temperature was small. Moderately strong winds from the northeast.

Packed snow and ice on pavements in some places.

Solar halo, 22° radius, observed 2:45 p.m. to 2:55 p.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	18	18	19	19	20	21	23	25	30	32	35	37	38	37	37	35	33	31	30	29	27	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<	Cloudy					× Pt cldy ×				Clear									>
Sunshine (in tenths of hours)							0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	55 0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	13	13	12	11	9	8	8	8	9	9	10	13	16	16	20	17	16	13	10	9	6	9	9	8

Sunrise: Time, 6:14 Character, Cloudy
Moonrise: 5:52a Cloudy

Sunset: Time, 5:33 Character, Clear
Moonset: 4:14p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

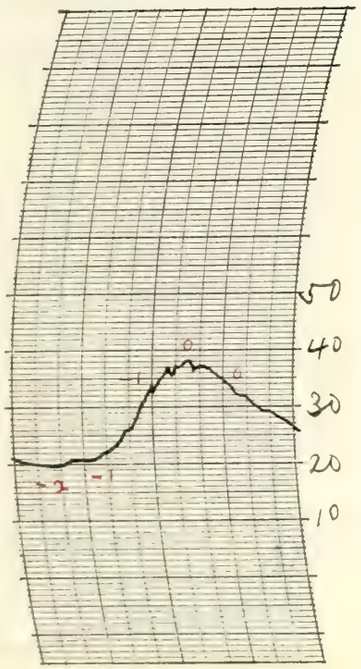
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	18	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.4 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 83
Prevailing wind direction, N Total wind, 272
Average hourly velocity, 11.3 Extreme velocity, 24
Maximum velocity, 23 Direction, N
Time began, 2:23 p.m.
Reduced barometer, 30.33 7 a. m. 30.28 7 p. m.
River gage, 5.0 flat
Relative humidity, 79 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 26.3
Dew-point, 14 R. humidity, 43 V. pressure, .077
Clouds: Amount, 4; Kind, as; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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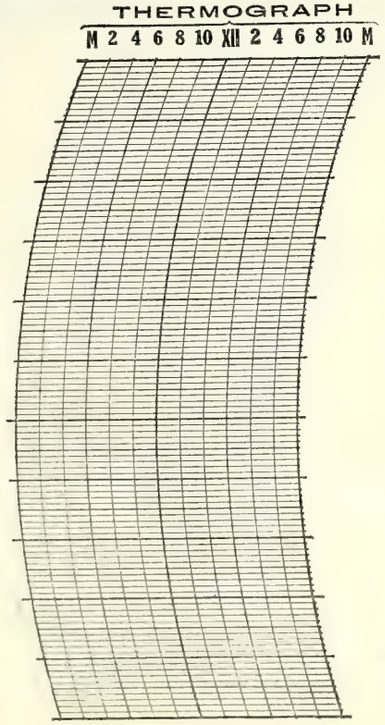
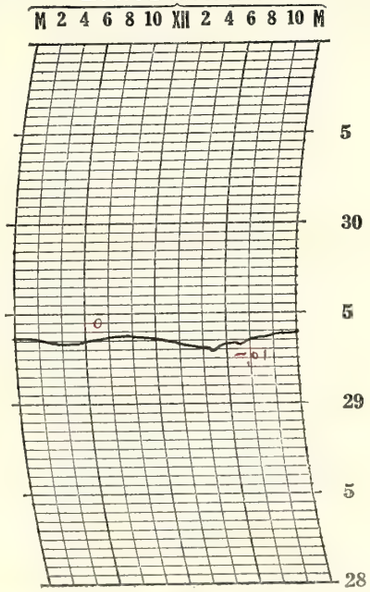


BAROGRAPH.



Prepared by OEK

Verified by P. M. Hourigan

8—483

NOTES

Upper clouds prevailed in decreasing amount from early morning until night. Cloudless into the night; stars bright.

The temperature rose rapidly from early morning but the north wind made it seem cold.

Solar halo, 22° radius, observed 6:40 am to 1:15 p.m. Circle nearly complete at times and brightly colored above sun.

Packed snow and ice on pavements in a few places

Form No. 1011—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 3 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	22	21	20	20	22	24	27	29	30	31	33	34	35	36	33	32	32	30	29	28	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)							40 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	57 0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	9	10	11	8	8	10	10	8	8	11	11	11	12	12	13	10	8	7	6	8	7	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:12 Character, Clear
Moonrise: 6:31a Clear
Sunset: Time, 5:34 Character, Clear
Moonset: 5:32p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

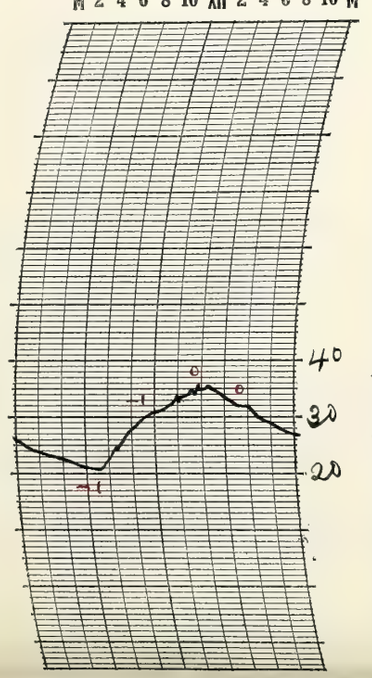
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	20	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New 1:25 p
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 219
Average hourly velocity, 9.1 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 1:42 p.m.
Reduced barometer, 30.41 7 a. m. 30.37 7 p. m.
River gage, 4.6 feet
Relative humidity, 76 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.3 Wet temperature, 25.1
Dew-point, 14 R. humidity, 46 V. pressure, .077
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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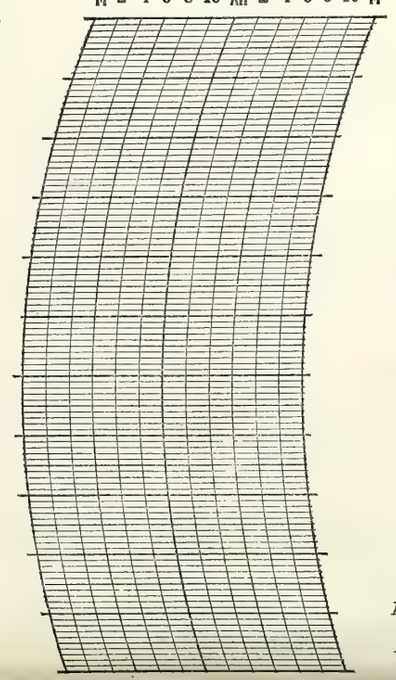
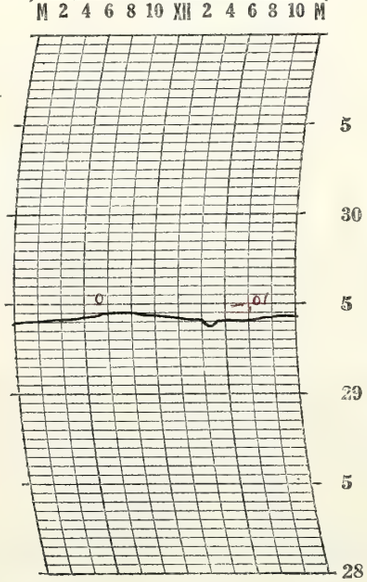


BAROGRAPH.



Prepared by O.A.P.
Verified by Fred Dunough

8—456

NOTES

The sky was deep blue and cloudless through the day and into the night. Stars brilliant.

The weather was rather pleasant for the season with the temperature only slightly below the normal.

Packed snow and ice on pavements in a few places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	23	23	22	23	26	30	34	36	40	41	43	45	44	43	41	39	38	37	36	35	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Light smoke						Clear											
Sunshine (in tenths of hours)							83 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	58 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW
Wind movement	5	5	3	3	2	2	3	4	7	10	11	9	10	11	11	12	11	8	7	8	12	10	9	9

Sunrise: Time, 6:10 Character, Clear
Moonrise: 7:06a Clear
Sunset: Time, 5:35 Character, Clear
Moonset: 6:49p Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

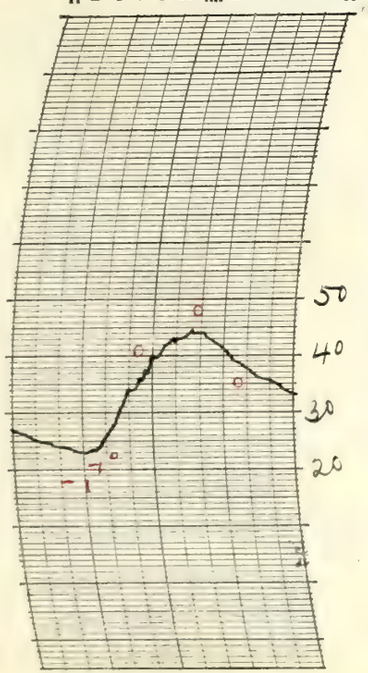
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	22	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 182
Average hourly velocity, 7.6 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 10:19 am
Reduced barometer, 30.40 7 a. m. 30.27 7 p. m.
River gage, 4.2 feet
Relative humidity, 90 7 a. m. 52 7 p. m.

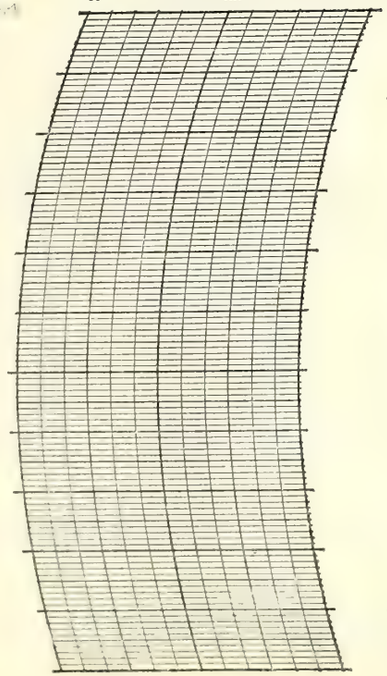
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.1 Wet temperature, 31.3
Dew-point, 15 R. humidity, 33 V. pressure, .081
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

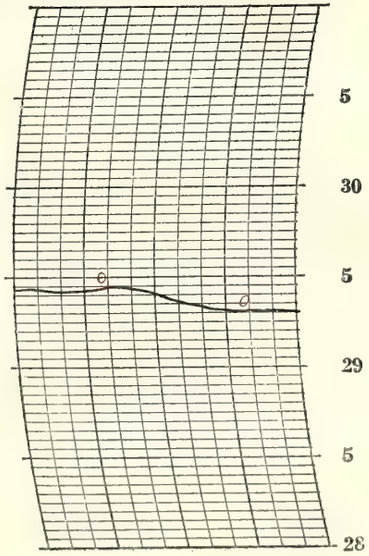
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McAdmunt

8—486

NOTES

Heavy deposit of frost in a.m. Light, local, smoke in early morning. Only a few thin clouds appeared during the afternoon. At other times the sky was cloudless. Clear into the night. Stars bright.

The temperature rose rapidly from early morning. The weather was quite pleasant.

Packed snow and ice in a few places on pavements.

Form No. 1014--Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 5 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	33	34	34	35	38	40	41	43	47	49	47	44	43	43	42	41	42	42	42	42
State of weather: Nature of precipitation and time of beginning and ending																RB 3:10				RE 7:50			RB AN	
Amounts of precipitation																T	T	T	T	T			←	.15
Cloudiness and other conditions					←			Cloudy					X Cloudy X					Cloudy						→

Sunrise: Time, 6:09 Character, Cloudy
Moonrise: 7:37a Cloudy
Sunset: Time, 5:36 Character, Cloudy
Moonset: 8:06p Cloudy

Sunshine (in tenths of hours)							0	0	0	0.1	0	0.3	1.0	1.0	0.8	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	9	9	8	9	10	8	9	10	9	10	10	10	13	16	18	15	11	11	13	12	9	14	12	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

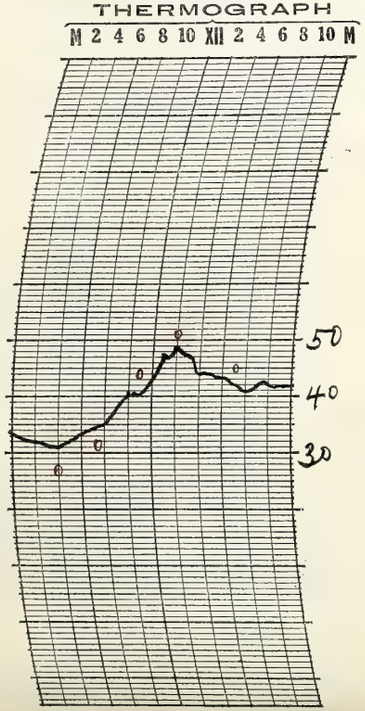
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	31	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.2 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 28
Prevailing wind direction, S Total wind, 266
Average hourly velocity, 11.1 Extreme velocity, 23
Maximum velocity, 23 Direction, S
Time began, 2:01 p.m.
Reduced barometer, 30.247 a. m. 29.947 p. m.
River gage, 3.8 feet
Relative humidity, 60 a. m. 76 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.8 Wet temperature, 35.8
Dew-point, 26 R. humidity, 49 V. pressure, .136
Clouds: Amount, 9; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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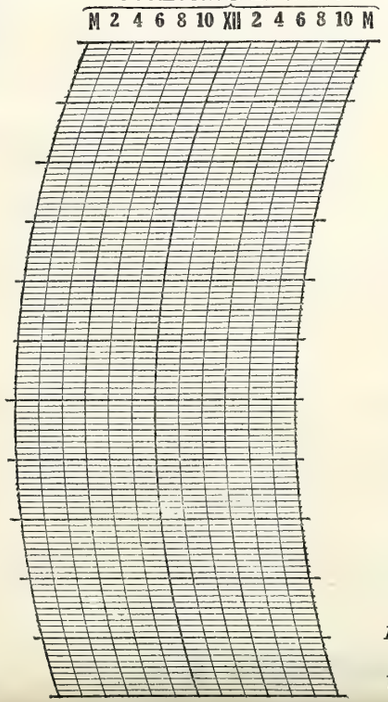
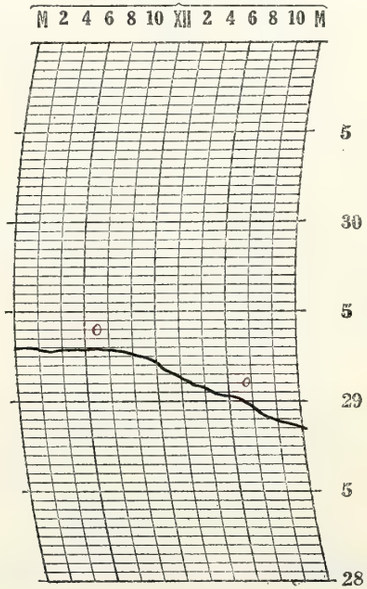


BAROGRAPH.



Prepared by J. W. P.
Verified by P. McDonough

8—486

NOTES

*Estimated.

The sky was mostly cloudy the greater part of the time but sunshine was recorded through the clouds at times during the middle of the day. Light rain occurred during the late afternoon and evening, and a moderately heavy shower fell late at night. Moderate temperatures. Only a small amount of snow remained on the ground in protected places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 6 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	43	42	40	39	39	38	38	39	39	40
State of weather: Nature of precipitation and time of beginning and ending				RE PN								
Amounts of precipitation		0 .05										
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	10	12	10	16	21	14	13	13	11	11	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	42	41	41	40	38	36	36	36	34
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										*Clear?		
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	SW	SW	W	W	W	W	SW	SW
Wind movement	12	9	10	8	7	8	7	6	6	4	3	3

Sunrise: Time, 6:07 Character, Cloudy
Moonrise: 8:08a Cloudy
Sunset: Time, 5:37 Character, Cloudy
Moonset: 9:22p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	34	38	

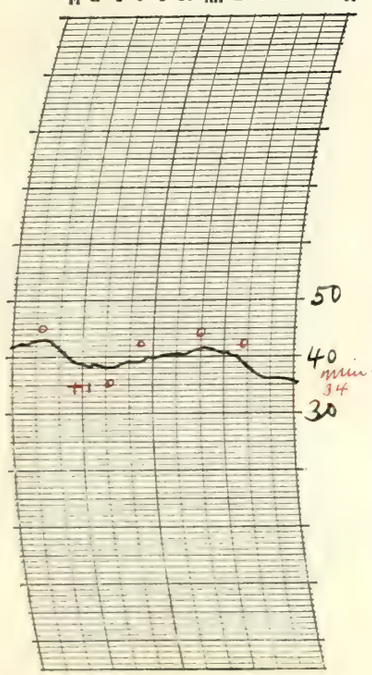
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .20 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 237
Average hourly velocity, 9.9 Extreme velocity, 26
Maximum velocity, 25 Direction, NW
Time began, 4:13 am
Reduced barometer, 29.87 7 a. m. 30.01 7 p. m.
River gage, 3.9 feet
Relative humidity, 89 7 a. m. 77 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 40.1 Wet temperature, 38.2
Dew-point, 36 R. humidity, 85 V. pressure, .211
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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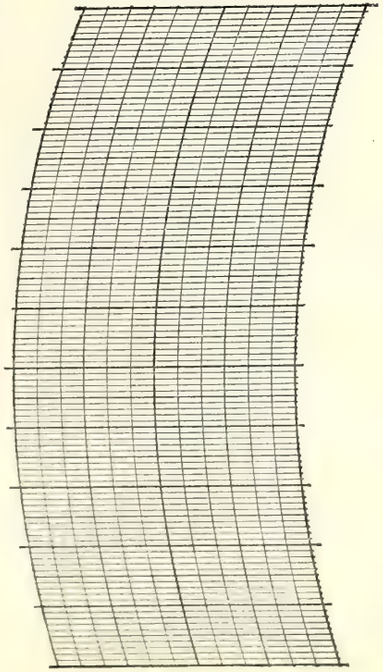

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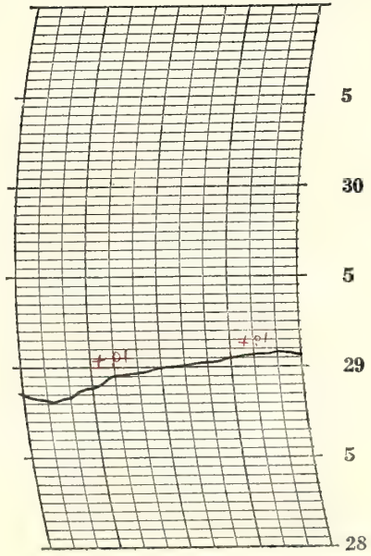


Prepared by O.K.R.

Verified by C. A. McAdams

8—486

NOTES

* Estimated

Rain occurred in the early morning and the sky continued heavily overcast during the day. About 9:00 p.m. the sky became clear.

There was little range in temperature and it continued above freezing during the 24 hours.

A small amount of snow remained on the ground in sheltered places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	34	35	37	39	40	40	40	40	40
State of weather: Nature of precipitation and time of beginning and ending					RB34 E DNa			RB 7:30				
Amounts of precipitation					T			<	<	.28		
Cloudiness and other conditions					<					H Fog	Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	2	2	4	5	7	8	8	8	7	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	44	46	47	46	44	42	40	39	38	38	37
State of weather: Nature of precipitation and time of beginning and ending				RE 3:50			RB 6:10	RE 7:20				
Amounts of precipitation			.06	T	T		T	T				
Cloudiness and other conditions			Cloudy	>								
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SE	S	SW	W	W	W	W	W	W	W	W	SW
Wind movement	4	6	10	13	16	13	17	12	13	12	10	8

Sunrise: Time, 6:06; Character, Cloudy. Moonrise: 8:40a, Cloudy.

Sunset: Time, 5:39; Character, Cloudy. Moonset: 10:35p, Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .34 ins.

Total precipitation, midnight to midnight, .34 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 0

Prevailing wind direction, SE Total wind, 202

Average hourly velocity, 8.4 Extreme velocity, 22

Maximum velocity, 20 Direction, W

Time began, 6:02 p m

Reduced barometer, 29.897 a. m. 29.667 p. m.

River gage, 47 feet

Relative humidity, 87 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

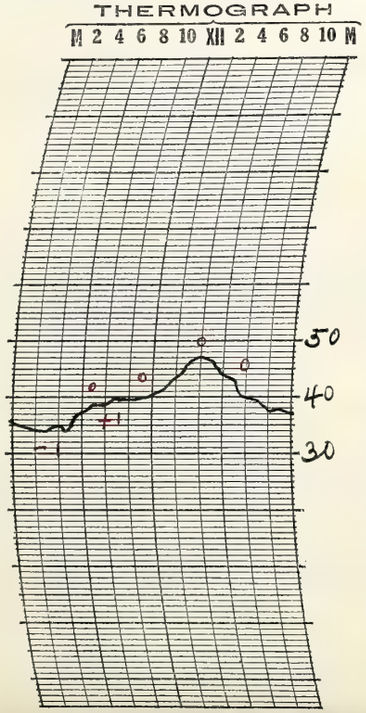
Dry temperature, 40.2 Wet temperature, 40.0

Dew-point, 40 R. humidity, 98 V. pressure, 29.47

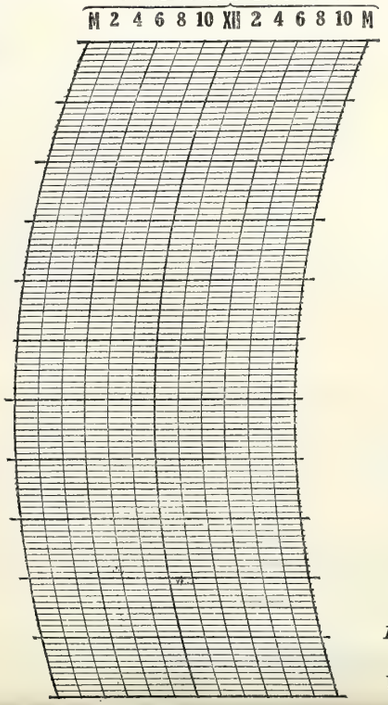
Clouds: Amount, 10 5; Kind, Nb St. Fog; Direction, SE SE

Velocity of clouds (miles per hour)

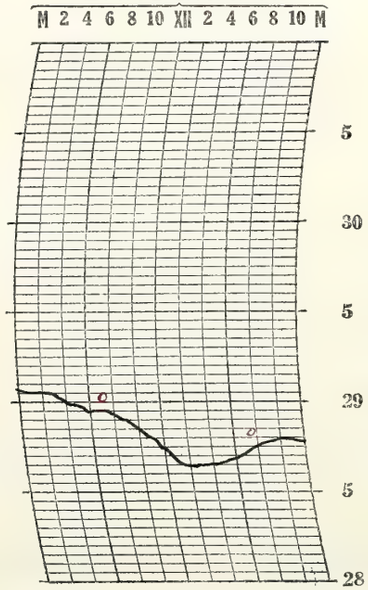
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. R.

Verified by P. M. Donough

8—486

NOTES

Rain fell the greater part of the day. Light fog began 8:00 am and ended 3:30 p.m. Cloudy into the night.

Moderate temperatures.

The snow on the ground disappeared during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 8 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	36	35	34	34	36	38	40	41	42	42	44	45	44	43	40	39	39	38	36	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<			Clear				×	Pt cldy					×	Clear						>
Sunshine (in tenths of hours)							83 0.1	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.8	1.0	0						
Wind direction	W	W	W	W	W	W	SW	W	W	W	W	W	W	NW	W	W	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	11	14	14	14	11	8	9	12	14	17	19	19	18	17	18	16	16	9	5	5	3	2	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:04 Character, Clear
Moonrise: 9:15a Clear
Sunset: Time, 5:40 Character, Cloudy
Moonset: 11:46p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

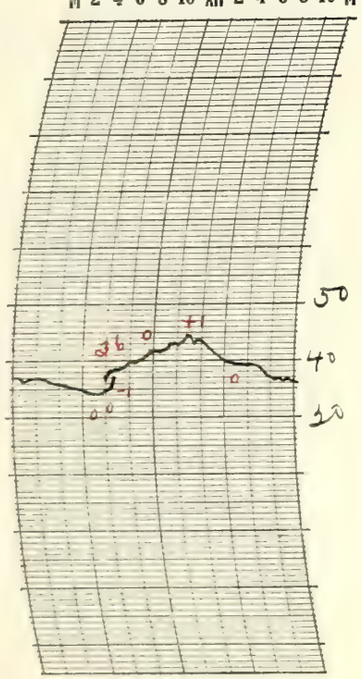
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	34	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.5 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 91
Prevailing wind direction, W Total wind, 275
Average hourly velocity, 11.5 Extreme velocity, 25
Maximum velocity, 24 Direction, W
Time began, 10:18 am
Reduced barometer, 29.89 7 a. m. 30.10 7 p. m.
River gage, 7.5 feet
Relative humidity, 85 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.9 Wet temperature, 36.7
Dew-point, 30 R. humidity, 61 V. pressure, 1.64
Clouds: Amount, 5; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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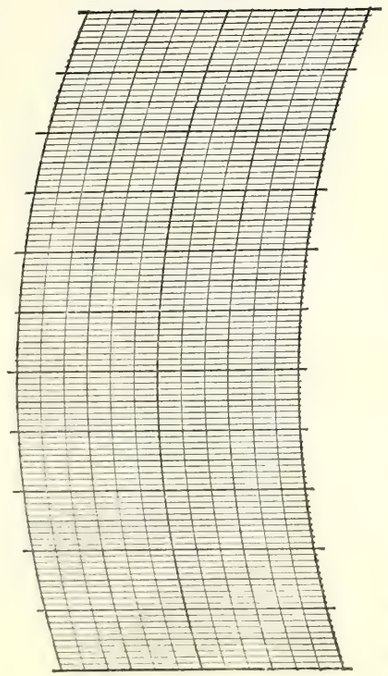
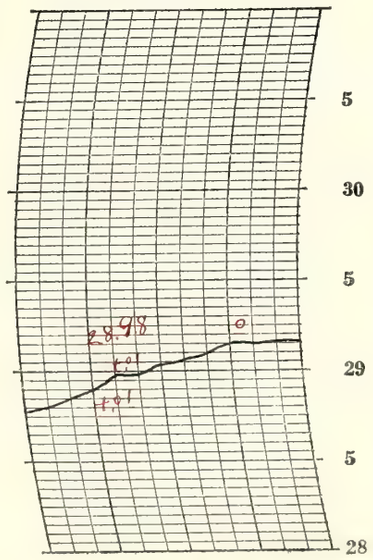


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES

The sky was mostly clear in the morning and evening and partly cloudy through the middle of the day. Clear into the night. Dim moonlight for a while in the earlier part of the night.

A moderate west wind made it seem rather cold.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 9 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	32	32	30	30	31	33	34	36	39	40	43	45	44	45	44	43	41	39	37	35	32	31	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←			Cloudy	×					Partly Cloudy							Clear				→
Sunrise: Time, 6:02 Character, Cloudy																					Sunset: Time, 5:41 Character, Clear			
Moonrise: 9:52 a Cloudy																					Moonset: — —			
Sunshine (in tenths of hours)							0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.68						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	SE	E
Wind movement	2	5	3	3	2	2	2	3	5	8	7	6	5	5	5	10	9	9	6	7	8	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

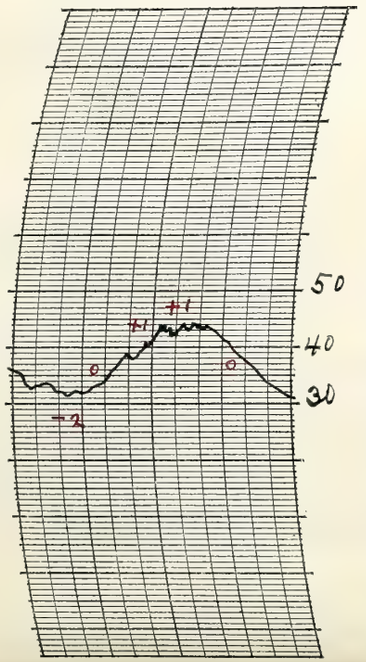
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.2 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 88
Prevailing wind direction, SE Total wind, 130
Average hourly velocity, 5.4 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 4:38 p.m.
Reduced barometer, 30.13 7 a. m. 30.09 7 p. m.
River gage, 8.3 feet
Relative humidity, 66 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.7 Wet temperature, 35.5
Dew-point, 25 R. humidity, 48 V. pressure, 130
Clouds: Amount, 5; Kind, ast; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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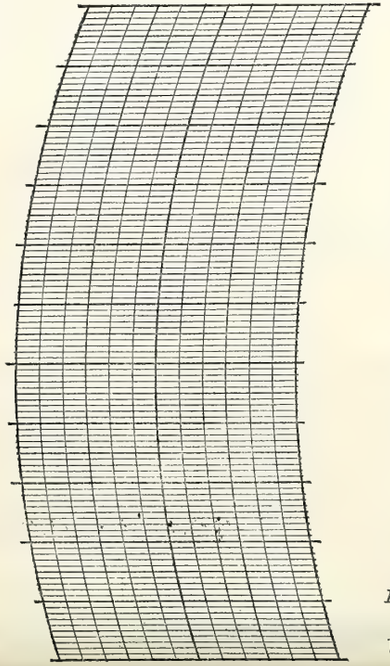
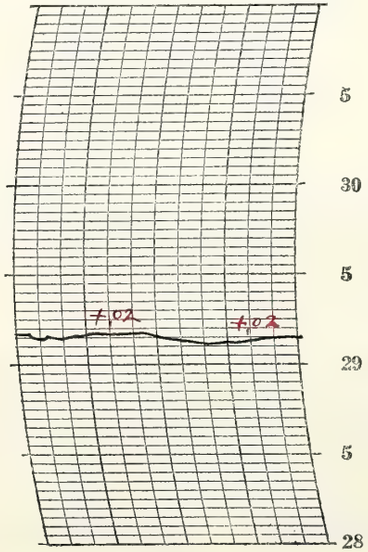


BAROGRAPH.



Prepared by O.E.P.
Verified by P.M. Denough

8—486

NOTES

The amount of clouds decreased during the day. Cloudless in the evening and into the night. Dim moonlight.

During the day the temperatures were about the same as on the preceding date.

Solar halo, 22° radius, observed 6:30 am to 7:10 am, also for a while about 12:45 p.m.

Automatic rain gage exposed on roof at 9:45 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 10 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	27	27	26	26	27	32	40	44	48	51	54	57	58	60	59	56	55	53	51	51	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)							9.8	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7						
Wind direction	E	E	E	E	E	E	E	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	7	6	6	5	4	4	5	6	9	9	10	10	13	14	14	11	7	6	7	9	12	12	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:01 Character, Clear
Moonrise: 10:34a Clear
Sunset: Time, 5:42 Character, Clear
Moonset: 12:54a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

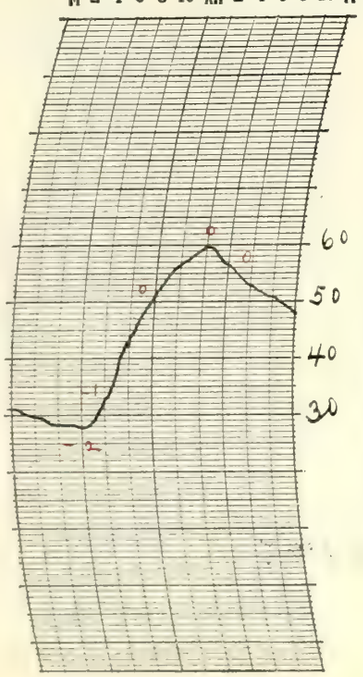
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	26	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter 5:03 a
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.7 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 203
Average hourly velocity, 8.5 Extreme velocity, 18
Maximum velocity, 17 Direction, SS
Time began, 2:45 pm
Reduced barometer, 30.15 7a.m. 30.08 7p.m.
River gage, 7.5 feet
Relative humidity, 73 7a.m. 55 7p.m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 42.2
Dew-point, 31 R. humidity, 46 V. pressure, .172
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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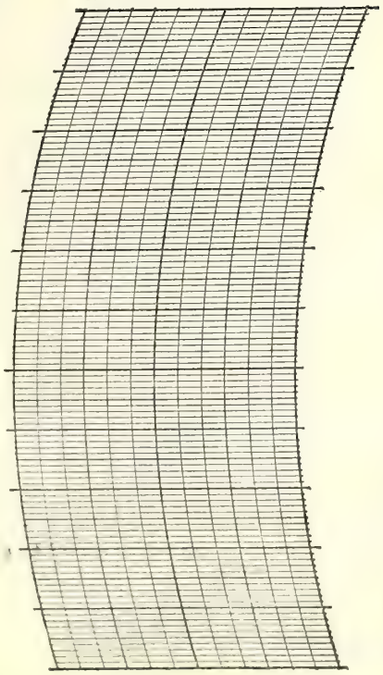
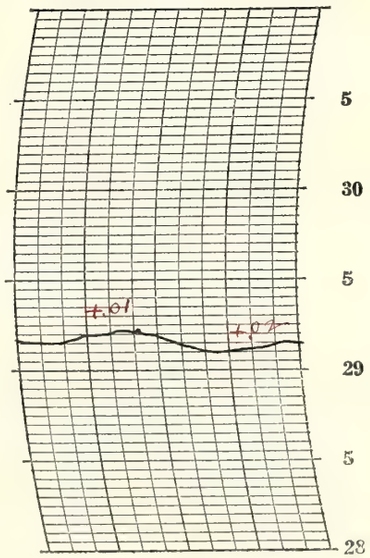


BAROGRAPH.



Prepared by OER

Verified by P. McEnough

8—486

NOTES

The sky was mostly clear all day although a small amount of thin upper clouds prevailed the greater part of the time. Mostly clear into the night with pale moonlight.

The temperature was below freezing in the early morning but it warmed up very rapidly. The maximum temperature in the afternoon was 60° and the range in temperature for the day was 34°. The weather was quite pleasant.

Lunar corona observed about 8:30 p.m. Colors bright from red to blue.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	45	45	44	45	45	47	50	56	58	60	62	65	64	64	62	60	59	57	56	55	57	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<		Clear							X	Pt cldy	X			Cloudy					>
Sunshine (in tenths of hours)						0.2 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0						
Wind direction	S	S	S	S	SE	SE	S	S	S	SW	S	S	SE	SE	SE	SE	SE	SE	SE	SE	E	SE	SE	SE
Wind movement	9	9	7	6	5	6	8	9	11	11	10	10	10	12	12	10	10	5	5	5	5	6	7	12

Sunrise: Time, 5:59 Character, Clear
Moonrise: 11:22a Cloudy
Sunset: Time, 5:43 Character, Cloudy
Moonset: 1:57a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

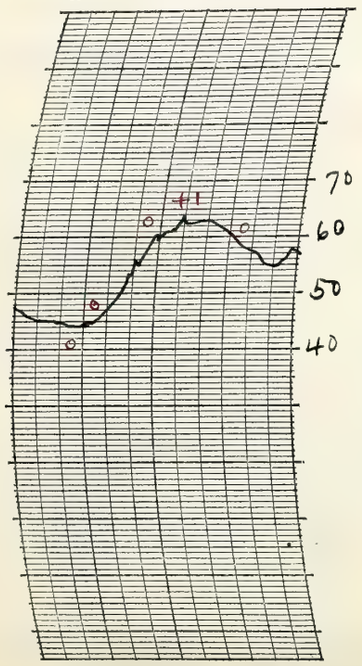
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	44	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.2 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 79
Prevailing wind direction, SE Total wind, 200
Average hourly velocity, 8.3 Extreme velocity, 17
Maximum velocity, 16 Direction, SE
Time began, 2:57 p.m.
Reduced barometer, 30.22 7 a. m. 30.12 7 p. m.
River gage, 6.5 feet
Relative humidity, 84 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.1 Wet temperature, 52.4
Dew-point, 46 R. humidity, 60 V. pressure, 31.0
Clouds: Amount, 2 a 87; Kind, Cu SW; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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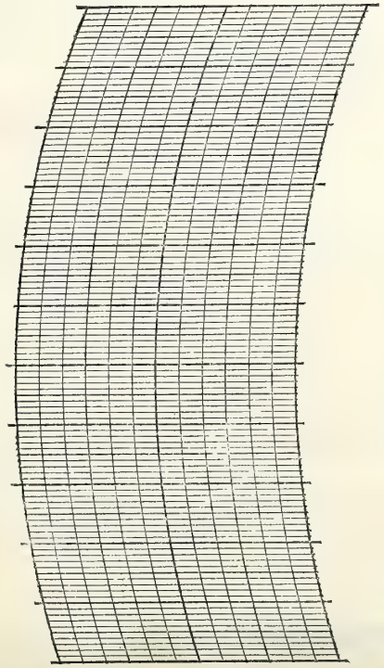
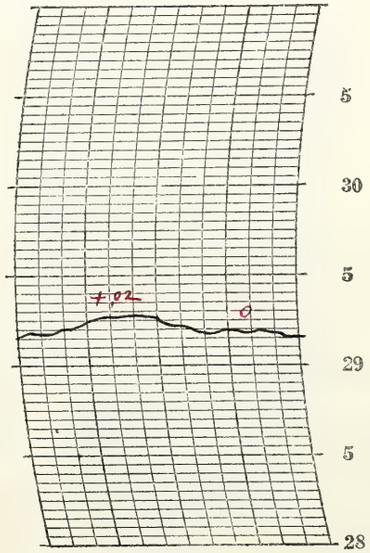


BAROGRAPH.



Prepared by O.A.R.
Verified by P. McDonough

8—486

NOTES

Heavy deposit of dew in early morning.

The cloudiness gradually increased from early morning. Cloudy during the late afternoon and into the night. The position of the moon was visible at times through the clouds but there was no moonlight.

The weather continued warm and quite pleasant for the season.

Solar halo, 22° radius, observed 2:35 p.m. to 3:10 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 12 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	55	54	54	54	55	58	59	60	60	59	58	57	57	57	58	57	58	58	59	58	58
State of weather: Nature of precipitation and time of beginning and ending				RB DN	–	–	–	RE 7:10					RB 12:15	–	–	–	–	RE 5:30			RB 8:15	–	–	–
Amounts of precipitation				.04	.07	.03	.04	T					T	.01	T	.03	.02	.01			T	.01	T	.04
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.4	0.1	0	0	0	0	0	0	0						
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	S	S	S	S
Wind movement	11	11	10	13	12	11	11	10	13	18	19	17	17	14	15	15	16	11	11	12	11	15	14	15

Sunrise: Time, 5:57 Character, Cloudy
Moonrise: 12:15p Cloudy
Sunset: Time, 5:44 Character, Cloudy
Moonset: 2:53a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

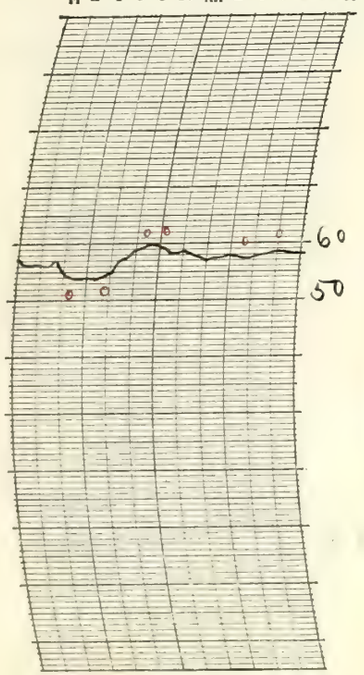
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	54	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 4
Prevailing wind direction, S Total wind, 322
Average hourly velocity, 13.4 Extreme velocity, 24
Maximum velocity, 22 Direction, S
Time began, 10:19 am.
Reduced barometer, 30.05 7 a. m. 29.97 7 p. m.
River gage, 6.0 feet
Relative humidity, 94 7 a. m. 88 7 p. m.

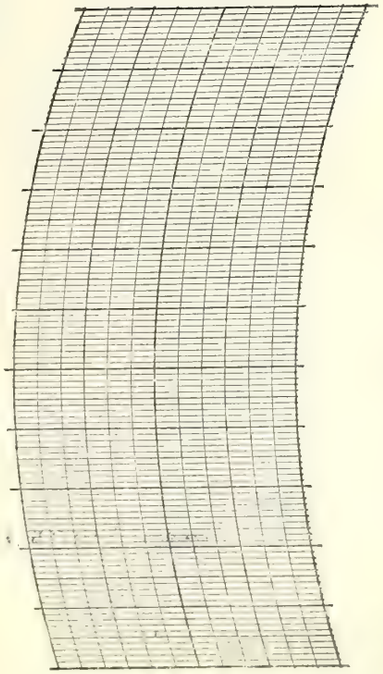
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 56.6
Dew-point, 54 R. humidity, 82 V. pressure, .417
Clouds: Amount, 10; Kind, Stcu; Direction, SW
Velocity of clouds (miles per hour)

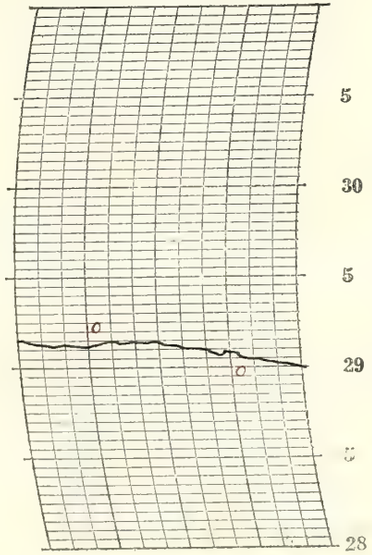
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.W.R.

Verified by F. McDonough

8—486

NOTES

Light showers occurred from early morning till late at night but for a while in the forenoon sunshine was recorded through the clouds.

The temperatures continued considerably above the normal. The range in temperature for the 24 hours was not large.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	57	57	58	58	54	50	47	47 RE 9:50	52	54	56	60	59	55	51	47	46	45	44	43	43	43
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	-	-	-	-	-	-														
Amounts of precipitation	.11	.06	T	.01	T	T	.18	.09	.07	.03														
Cloudiness and other conditions	← Cloudy										× Cloudy		×				Clear			×	Cloudy →			
Sunrise: Time, 5:56 Character, Cloudy																								
Moonrise: 1:12p Cloudy																								
Sunset: Time, 5:45 Character, Clear																								
Moonset: 3:41a Cloudy																								
Sunshine (in tenths of hours)						0	0	0	0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.1 (.65)						
Wind direction	S	S	S	S	S	S	SW	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	SW
Wind movement	14	16	17	17	18	17	17	9	8	9	13	16	18	17	15	14	14	13	13	9	13	10	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .38 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .55 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 66
Prevailing wind direction, SW-W Total wind, 323
Average hourly velocity, 13.5 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 6:36 am
Reduced barometer, 29.847 a. m. 29.987 p. m.
River gage, 6.8 feet
Relative humidity, 100 7 a. m. 72 7 p. m.

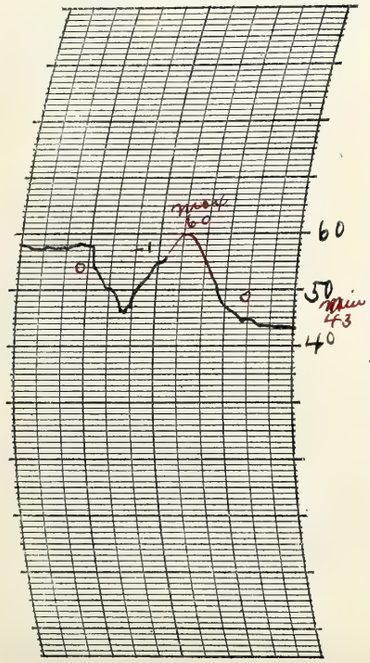
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.4 Wet temperature, 49.1
Dew-point, 44 R. humidity, 69 V. pressure, .287
Clouds: Amount, 4; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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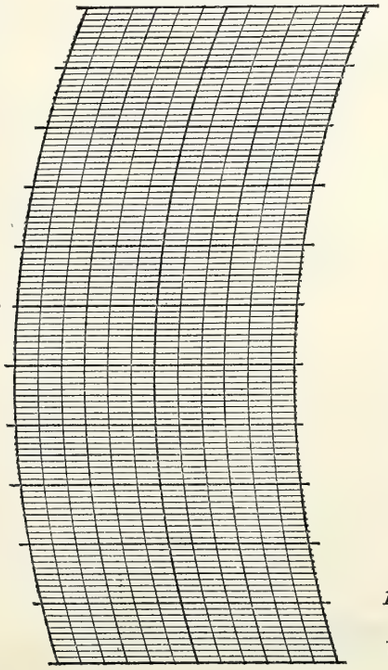
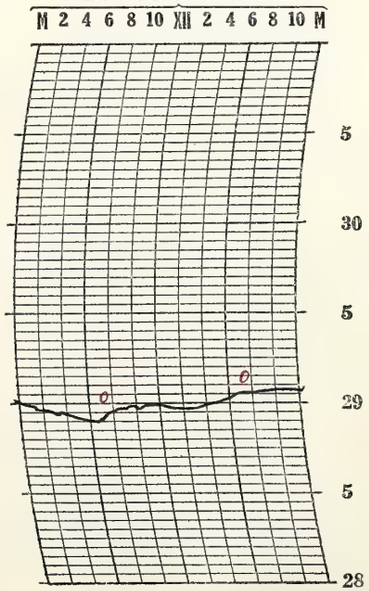


BAROGRAPH.



Prepared by O.G.P.

Verified by P. McDonough

8—486

NOTES

Rain continued until nearly 10:00 am. A while before 7:00 am a wind squall occurred. It was accompanied by a brisk shower. The clouds broke up quickly after 10:00 am. The sky was mostly clear during the afternoon and evening. The moon and stars visible for a while but it became entirely overcast about 7:30 p.m. and continued cloudy into the night.

The temperature continued considerably above normal. It fell sharply in the forenoon but rose to 60° in the afternoon and then fell rapidly in the late afternoon.

Ø Thermograph pen failed to record; record interpolated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	42	42	42	42	42	42	43	45	45
State of weather: Nature of precipitation and time of beginning and ending		RB & E										
Amounts of precipitation		T										
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0.1	0	0
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	9	9	9	8	8	9	10	10	14	11	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	47	47	47	46	45	45	45	44	44	44
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	11	9	9	8	8	9	10	5	5	5	5

Sunrise: Time, 5:54 Character, Cloudy
Moonrise: 2:12p Cloudy
Sunset: Time, 5:46 Character, Cloudy
Moonset: 4:23a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

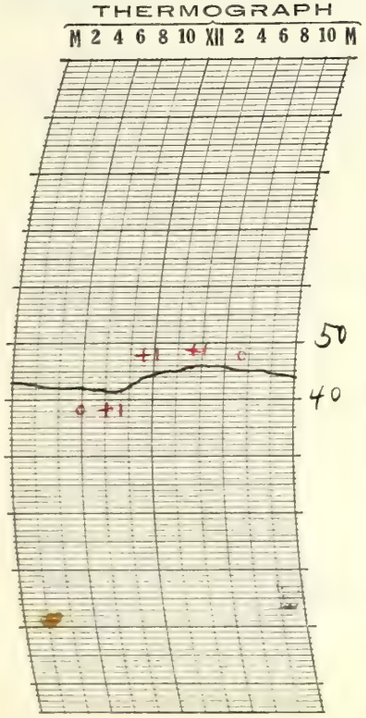
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	42	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 1
Prevailing wind direction, W Total wind, 212
Average hourly velocity, 8.8 Extreme velocity, 18
Maximum velocity, 16 Direction, W
Time began, 8:24 am
Reduced barometer 30.10 7 a. m. 30.24 7 p. m.
River gage, 9.5 feet
Relative humidity, 82 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.8 Wet temperature, 41.3
Dew-point, 37 R. humidity, 75 V. pressure, 219
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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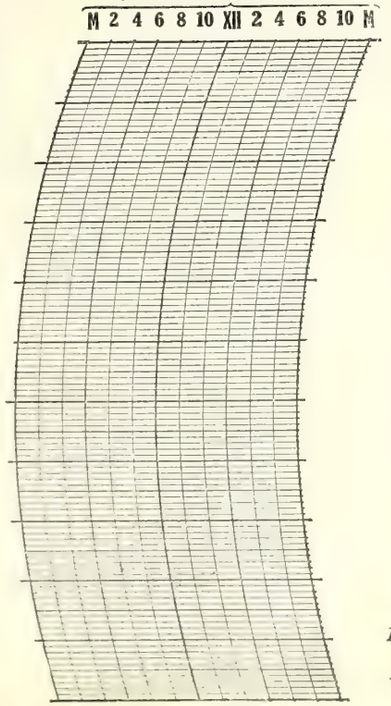
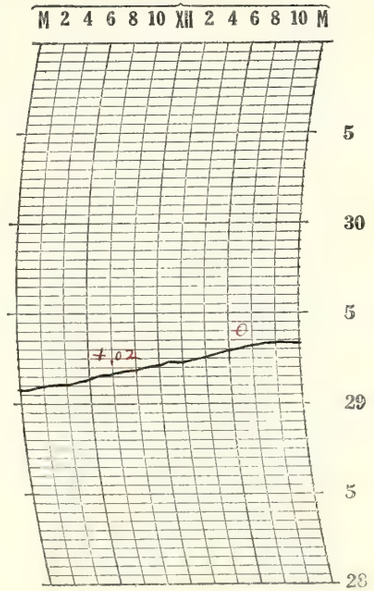


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—486

NOTES

The sky remained heavily clouded the greater part of the day. A trace of rain occurred in the early morning. Cloudy late at night. Position of moon visible through the clouds.

The temperature averaged somewhat above normal. There was only a small range in temperature during the 24 hours.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 15 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	45	44	44	44	45	47	50	51	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0.5	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	3	3	3	3	3	5	5	6	8	8	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	57	59	59	59	57	55	53	52	50	50	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 (.58)						
Wind direction	S	S	S	S	S	S	S	SE	SE	SE	S	S
Wind movement	11	11	10	9	8	6	3	5	8	8	6	7

Cloudy X 8 cldy X — Clear

Sunrise: Time, 5:53 Character, Cloudy

Moonrise: 3:11 p Clear

Sunset: Time, 5:47 Character, Clear

Moonset: 4:57 a Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.3 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 87

Prevailing wind direction, S Total wind, 157

Average hourly velocity, 6.5 Extreme velocity, 13

Maximum velocity, 13 Direction, S

Time began, 12:33 p m.

Reduced barometer, 30.31 7 a. m. 30.12 7 p. m.

River gage, 9.8 feet

Relative humidity, 81 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

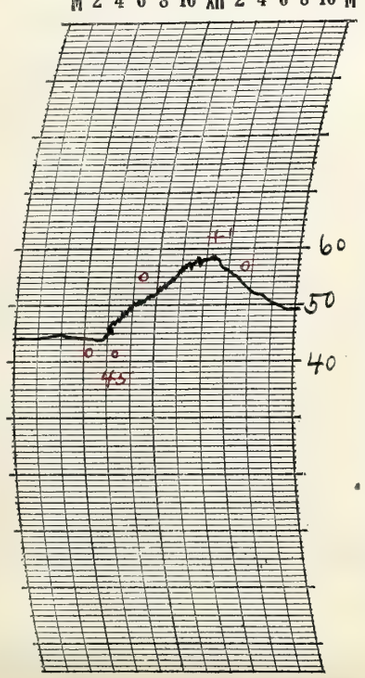
Dry temperature, 52.2 Wet temperature, 46.0

Dew-point, 40 R. humidity, 62 V. pressure, 247

Clouds: Amount, 2; Kind, St cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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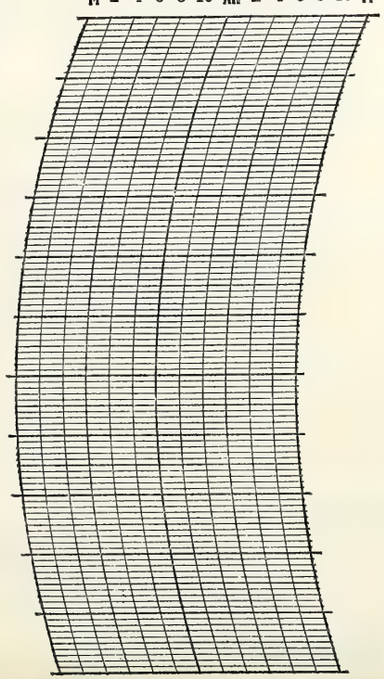
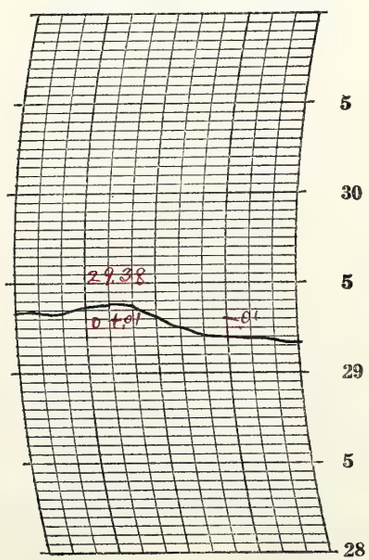


BAROGRAPH.



NOTES

It was cloudy in the early morning but the cloudiness soon decreased and the day as a whole was clear. Cloudless into the night with bright moonlight. The moderate temperatures continued. Weather quite pleasant

Prepared by O.E.R.

Verified by P.M. Donnegh

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	45	45	47	50	55	61	65	67	68	70	70	71	70	67	65	63	62	59	57	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear					Pt Cldy							Clear					
Sunrise: Time, Character	5:51 Cloudy																							
Moonrise	4:12p Clear																							
Sunset: Time, Character																					5:48 Clear			
Moonset																					5:28a Cloudy			
Sunshine (in tenths of hours)						0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	50 0.3						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	5	7	5	5	5	6	8	10	12	14	16	16	16	16	16	15	8	8	9	9	11	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	45	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.1 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 92
Prevailing wind direction, S Total wind, 243
Average hourly velocity, 10.1 Extreme velocity, 22
Maximum velocity, 21 Direction, S
Time began, 3:08 pm.
Reduced barometer, 30.11 7 a. m. 29.96 7 p. m.
River gage, 8.5 fall
Relative humidity, 74 7 a. m. 47 7 p. m.

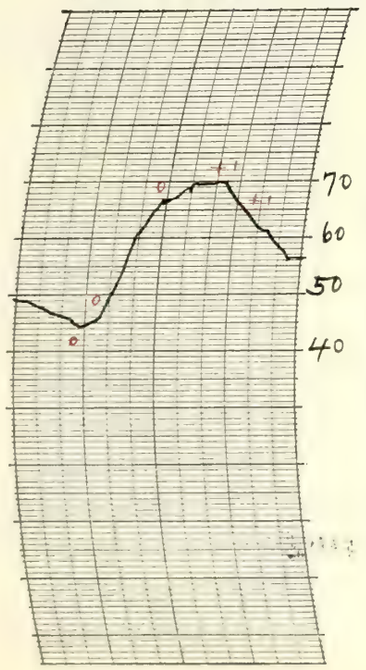
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.3 Wet temperature, 53.1
Dew-point, 40 R. humidity, 38 V. pressure, 247
Clouds: Amount, 4; Kind, cirst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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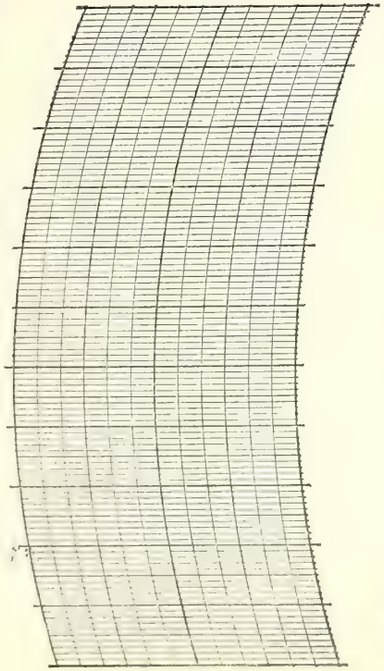

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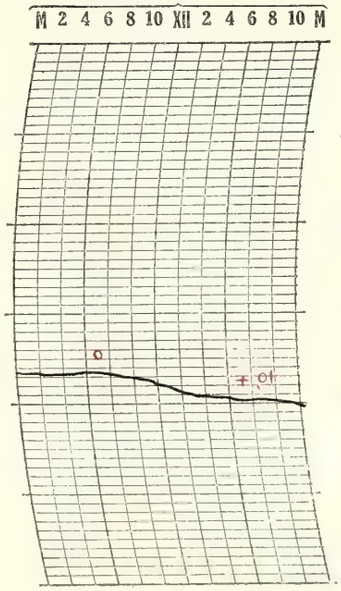


Prepared by C.E.K.

Verified by C. M. McDonough

S—426

NOTES

Thin upper clouds prevailed until late in the afternoon. It was partly cloudy for a while near noon but the day as a whole was clear. Cloudless into the night. Bright moonlight.

Very fine weather for the season. The temperature reached a maximum of 71.4° in the afternoon.

Solar halo, 22° radius, observed 11:40 am to about 12:00 noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 17 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	56	54	55	56	57	53	54	57	58	58
Nature of precipitation and time of beginning and ending							RB 6:30	---	RE 8:05			
Amounts of precipitation							.02	.13	T			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.5	0.6	0.2	0.2
Wind direction	S	S	SW	SW	S	SW	SW	S	SW	SW	SW	SW
Wind movement	12	14	13	10	11	12	14	15	12	16	19	16

Sunrise: Time, 5:49 Character, Cloudy
Moonrise: 5:11p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	53	50	50	51	52	52	51	51	50	51	51
Nature of precipitation and time of beginning and ending	RB 12:55	---	RE 2:35									RB ON
Amounts of precipitation	T	T	T									T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	NW	NW	NW	W	SW	SW	SW	SE	SE	SE	SE
Wind movement	13	13	7	5	4	4	4	3	2	2	2	2

Sunset: Time, 5:50 Character, Cloudy
Moonset: 5:55a Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

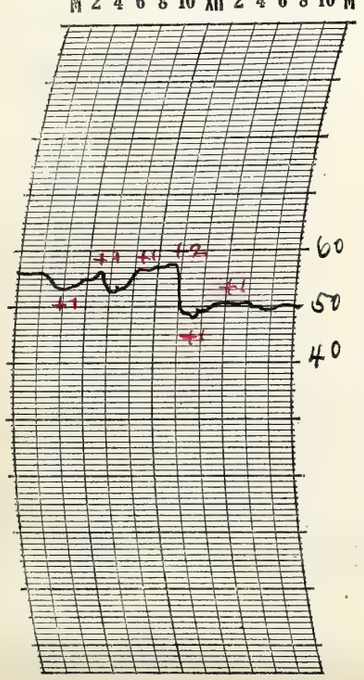
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	49	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .15 ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.5 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 12
Prevailing wind direction, SW Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 9:49 am
Reduced barometer, 29.92 7 a. m. 30.05 7 p. m.
River gage, 8.0 feet
Relative humidity, 67 7 a. m. 88 7 p. m.

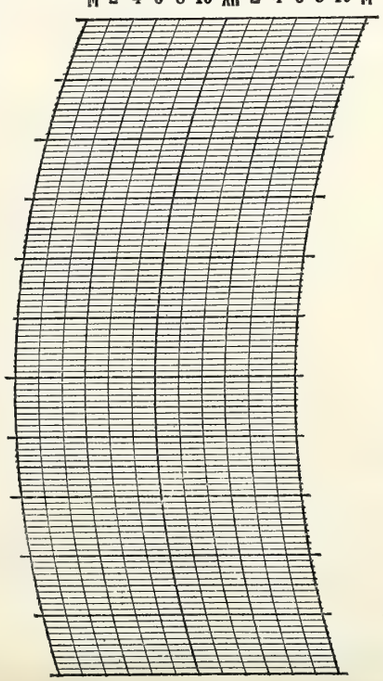
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 58.1 Wet temperature, 55.1
Dew-point, 53 R. humidity, 83 V. pressure, 40.2
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

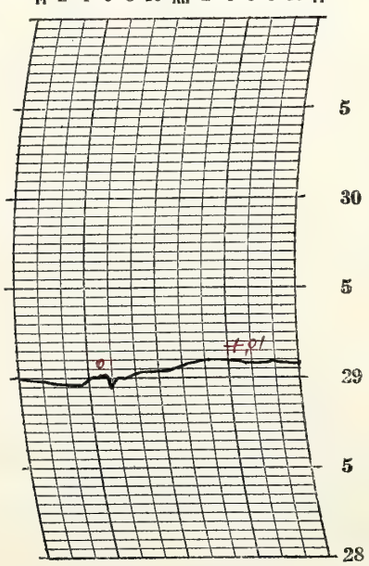
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.
Verified by P.W. McDonough

8—486

NOTES

Rain occurred during the morning and light sprinkles in the afternoon. The sky continued cloudy into the night and rain began near midnight. Moderate temperatures continued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	53	53	53	53	48	45	46	46	47	49	55
Nature of precipitation and time of beginning and ending	- -	- -	RE DN		RB DN	- -	- -	- -	RE 8:30			
Amounts of precipitation	.10	.11	T		T	T	.02	T	T			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	1.0	1.0
Wind direction	SE	S	S	S	S	N	NE	NE	NE	NE	NE	N
Wind movement	7	10	6	7	4	10	10	7	6	4	3	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	58	60	62	60	59	57	55	53	52	49	48
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4 (.45)						
Wind direction	N	NE	N	NW	N	N	N	E	SE	SE	SE	SE
Wind movement	7	5	7	5	4	3	2	4	4	3	2	2

Sunrise: Time, 5:48 Character, Cloudy
Moonrise: 6:09p Clear
Sunset: Time, 5:51 Character, Clear
Moonset: 6:19a Cloudy

Maximum velocities (exceeding 30 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

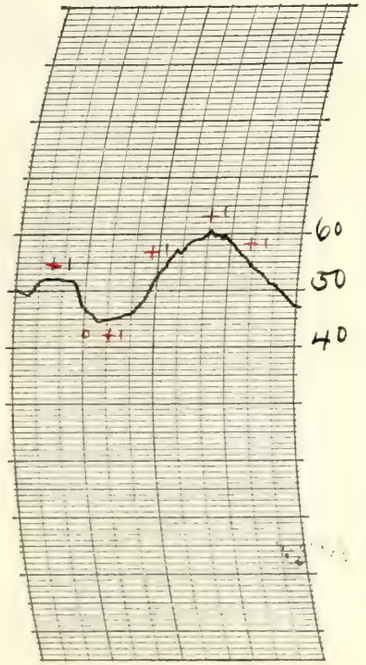
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .23 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .23 inches.
Character of day, Pt cloudy Moon phase, Full 4:24a
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.8 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 65
Prevailing wind direction, N Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 1:32 am
Reduced barometer, 29.99 7 a. m. 30.12 7 p. m.
River gage, 7.2 feet
Relative humidity, 100 7 a. m. 41 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.1 Wet temperature, 46.3
Dew-point, 37 R. humidity, 50 V. pressure, .219
Clouds: Amount, 2; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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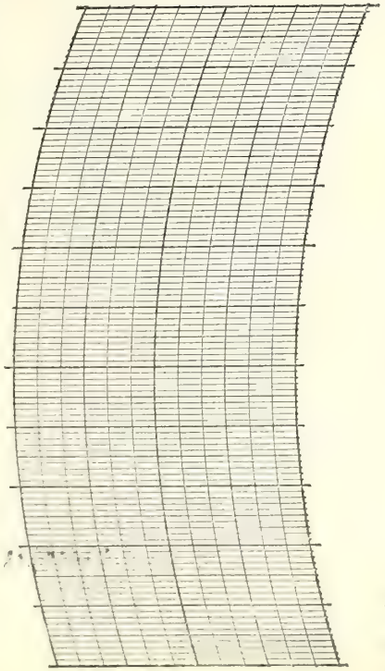
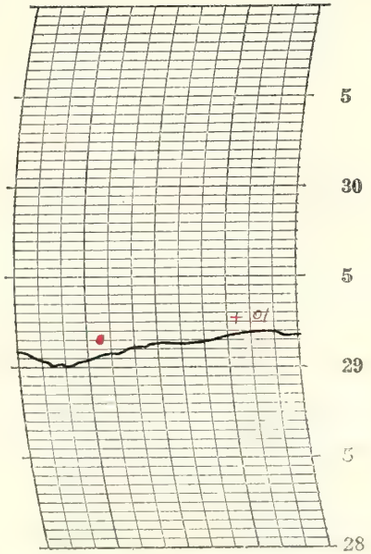


BAROGRAPH.



Prepared by E. A. K.

Verified by A. H. Dunnigh

8—486.

NOTES

Rain occurred until 8:30 am and it continued cloudy until about 10:00 am when it cleared rapidly. Clear into the night with bright moonlight.

The weather continued warm for the season.

Solar halo, 22°, sodium, observed 10:30 am. to 11:05 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 19 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	43	44	45	45	45	46	45	46	48	48
State of weather: Nature of precipitation and time of beginning and ending					RB DN	- - -	- - -	- - -	RE 8:45			
Amounts of precipitation					.03	.13	.12	.08	.02			
Cloudiness and other conditions				<			Cloudy					
Sunrise: Time, 5:46 Character, Cloudy												
Moonrise: 7:08 p Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.1	1.0	1.0
Wind direction	SE	SE	SE	NE	NE	NE	E	E	E	NE	NE	NE
Wind movement	4	3	7	8	7	6	9	11	9	12	11	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	47	47	45	44	43	41	40	38	36
State of weather: Nature of precipitation and time of beginning and ending												RB DN
Amounts of precipitation												.02
Cloudiness and other conditions		×	Pt Cloudy						×	Cloudy		>
Sunset: Time, 5:52 Character, Cloudy												
Moonset: 6:43 a Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	NE
Wind movement	16	16	15	15	14	14	11	11	13	14	15	14

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

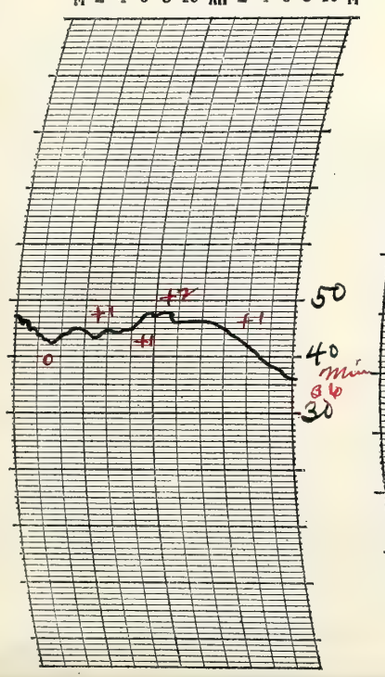
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	36	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .26 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .40 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.9 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 57
Prevailing wind direction, NE Total wind, 271
Average hourly velocity, 11.3 Extreme velocity, 21
Maximum velocity, 19 Direction, NE
Time began, 1:14 p m.
Reduced barometer, 30.08 7 a. m. 30.17 7 p. m.
River gage, 8.0 feet
Relative humidity, 87 7 a. m. 71 2 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.4 Wet temperature, 44.6
Dew-point, 41 R. humidity, 75 V. pressure, .256
Clouds: Amount, 2 6; Kind, St Cu Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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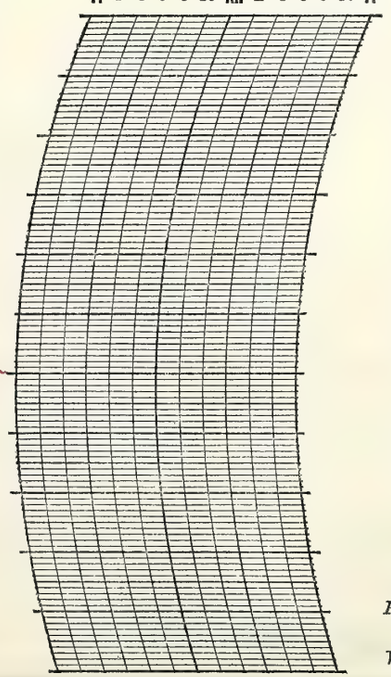
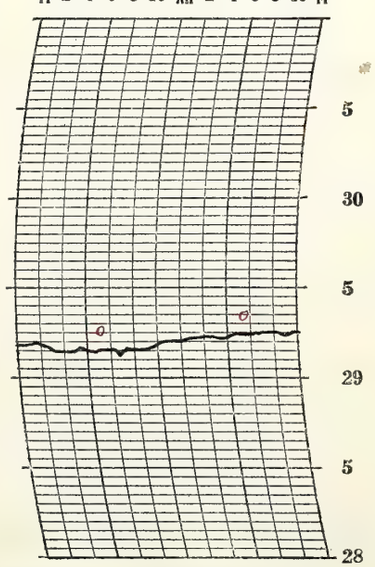


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Rain occurred during the morning. A thunderstorm began during the night am — 5:20 am or before — and ended 8:45 am. The sky was partly cloudy in the afternoon and cloudy into the night. Rain began late at night.

The temperature was above normal, especially during the morning. It became colder late at night.

Solar halo, 22° radius, observed for a short while about 1:00 p m.

* Wind direction by observation or interpolation.

The following data together with copies of the DAILY LOCAL RECORD for March 20, 1927, was furnished the Climatological Division on account of the ice storm:

Ice began to form on branches and wires during the night a. m., possibly between 3:00 a.m. and 4:00 am. The diameter of rod was ½ inch and the diameter over ice and rod at 7:00 a.m. was 25/32 inch. The ice was probably heaviest at about 7:00 a. m. and it had melted or fallen off of most places by 9:30 a. m. Icicles formed at intervals of about one inch. The ice on the rod formed slightly thicker in some places than in others. The low pressure area that caused the ice moved slowly from the SW to the NE, the the center passing south of this station.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 20 1927, 192

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	31	32	32	32	33	33	34	34	34	35	35	35	35	35	35	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending											RE 10:15					RB 3:40								
Amounts of precipitation	.07	T	.08	.22	.20	.15	.16	‡.01	‡.03	‡.03	T							.01				.13		
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	E	E	E	E	E	E	NE	NE	NE	NE	E	E	E	E	E	E	E	NE	NE	N
Wind movement	18	21	18	17	17	16	14	13	11	13	10	11	13	14	12	11	11	11	12	7	5	4	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:44 Character, Cloudy
Moonrise: 8:07p Cloudy
Sunset: Time, 5:53 Character, Cloudy
Moonset: 7:06a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

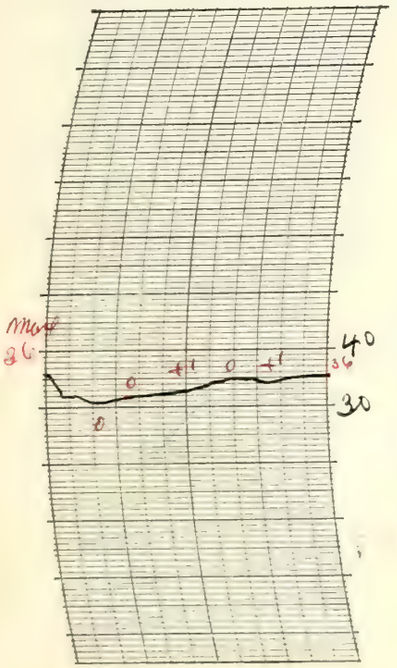
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	31	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .90 ins.; to 7 p. m.; .08 ins.
Total precipitation, midnight to midnight, 1.09* inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 286
Average hourly velocity, 11.9 Extreme velocity, 25 ⊗
Maximum velocity, 25 ⊗ Direction, NE
Time began, 1:23 am
Reduced barometer, 30.01 7 a. m. 29.88 7 p. m.
River gage, 12.7 feet
Relative humidity, 98 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.7 Wet temperature, 33.2
Dew-point, 33 R. humidity, 95 V. pressure, .187
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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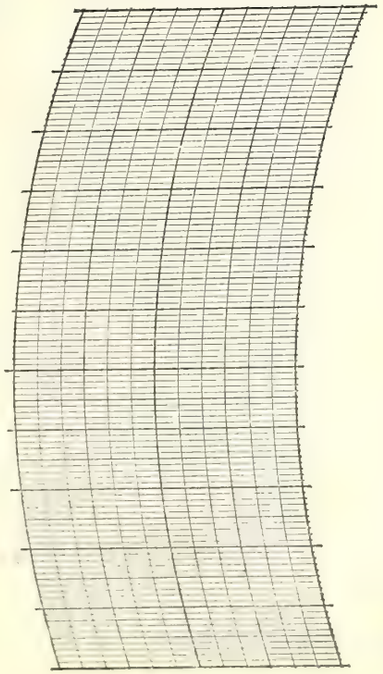
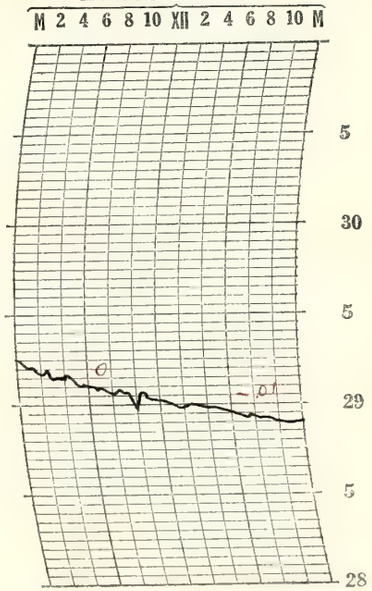


BAROGRAPH.



Prepared by OER

Verified by P. McDonough

8—480

NOTES

⊗ For 22 hr 20 min * Estimated

° Wind direction by observation or interpolation. × Wind velocity estimated. ‡ Hourly amounts of precipitation estimated.

A moderately heavy rainfall occurred in the morning and a light rain in the afternoon and continuing into the night. During the morning the rain froze on trees and wires and caused some damage to the telephone and telegraph service.

Advisory flood warning issued at 9:00 am to cover a stage of 15 feet or higher Monday.

The area in which ice formed was reported to extend east 10 miles, south 11 miles, west about 20 miles and north 35 miles. Damage to telephone and telegraph companies is estimated at about $2000

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 21 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	37	37	36	36	37	37	36	35	35
State of weather: Nature of precipitation and time of beginning and ending		RE DN									SMB 10:10	SME 11:10
Amounts of precipitation	* T	* T									T	T
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 5:43 Character, Cloudy												
Moonrise: 9:06p Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	4	6	8	10	13	10	11	10	11	11	13	15

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	36	35	35	36	35	34	34	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending	SMB 12:45			SME 3:20	SMB 4:05			SME 7:30				
Amounts of precipitation	T	T	T	T	T	T	T	T				
Cloudiness and other conditions					Cloudy				Cloudy			
Sunset: Time, 5:54 Character, Cloudy												
Moonset: 7:30a Cloudy												
Sunshine (in tenths of hours)	0	0	0	0.2	0	0						
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	16	15	16	15	17	15	19	18	15	13	13	10

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	32	35	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T* inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 2
Prevailing wind direction, W Total wind, 304
Average hourly velocity, 12.7 Extreme velocity, 26
Maximum velocity, 24 Direction, W
Time began, 6:18 p.m.
Reduced barometer, 29.82 7 a. m. 29.85 7 p. m.
River gage, 16.7 feet
Relative humidity, 93 7 a. m. 81 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

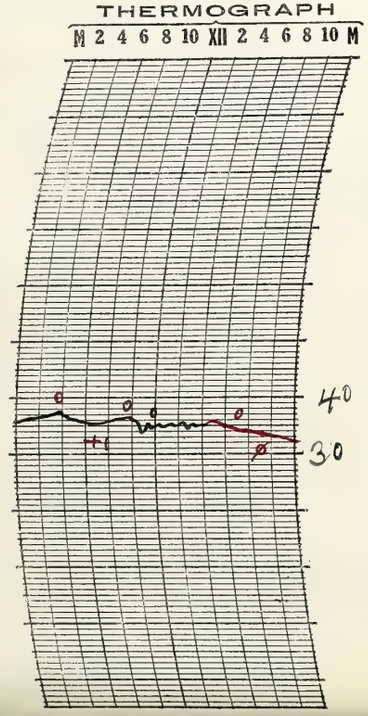
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 35.2 Wet temperature, 32.2
Dew-point, 28 R. humidity, 73 V. pressure, .150
Clouds: Amount, 10; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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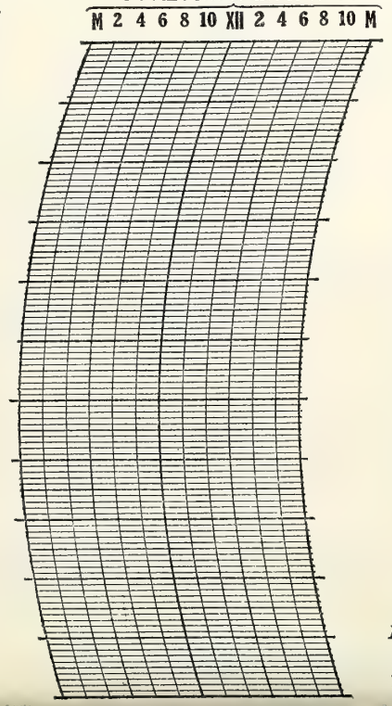
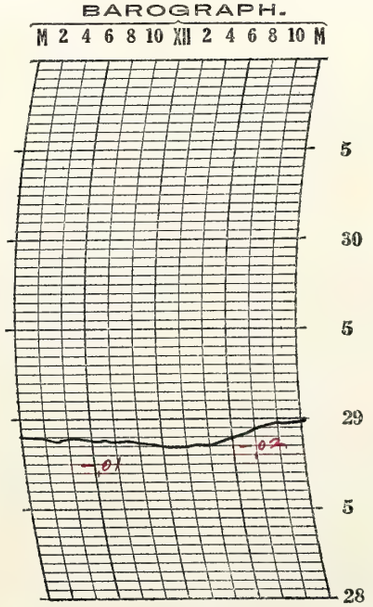


BAROGRAPH.



Prepared by O.L.K.

Verified by P. McDonough

8—486

NOTES

* Estimated.

Vernal Equinox (spring commences) 8:59 a.m.

Light rain occurred in the early morning and light snow flurries continued for the greater part of the time after 10:10 a.m. A small amount of sunshine was recorded in the afternoon. Mostly cloudy latter night.

The temperature was slightly below the normal.

Issued flood warning to cover a stage of 18.3 feet Tuesday.

* Thermograph pen failed to record, record interpolated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 22 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	x 32	x 32	x 31	x 31	x 30	x 30	✓ 31	34	35	37	38	39	40	40	41	41	39	39	38	36	35	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<	—	Clear	—		×			Pt cloudy			×		—	Cloudy	×	—	Clear?		
	Sunrise: Time, 5:41 Character, Clear																				Sunset: Time, 5:55 Character, Cloudy			
	Moonrise: 10:07p Cloudy?																				Moonset: 7:57a Clear			
Sunshine (in tenths of hours)						32 0	.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0	0						
Wind direction	W	W	W	NW	N	N	N	N	N	ø NE	ø NE	ø NE	ø N	ø N	ø N	ø NE	ø E	ø E	ø E	ø SE	ø SE	ø SE	ø SE	ø SE
Wind movement	8	7	7	7	8	6	7	9	8	7	7	6	6	7	7	7	7	5	3	5	6	7	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	30	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 75
Prevailing wind direction, N Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 12:05 am
Reduced barometer, 30.03 7 a. m. 30.10 7 p. m.
River gage, 17.5 flow
Relative humidity, 77 7 a. m. 59 7 p. m.

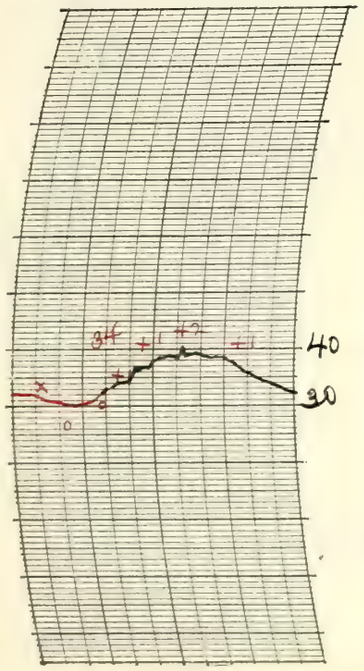
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

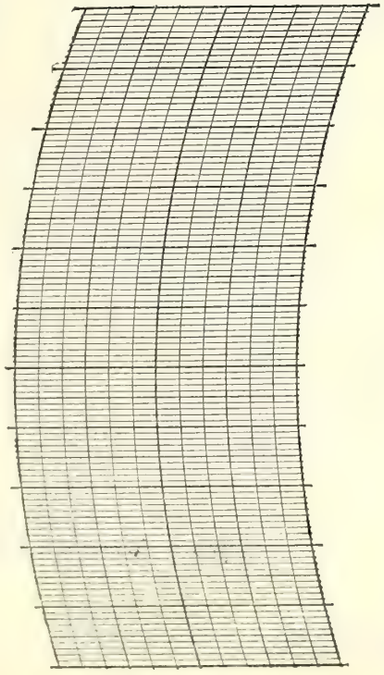
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.1 Wet temperature, 33.3
Dew-point, 25 R. humidity, 54 V. pressure, .130
Clouds: Amount, 4; Kind, St cu; Direction, NE
Velocity of clouds (miles per hour)

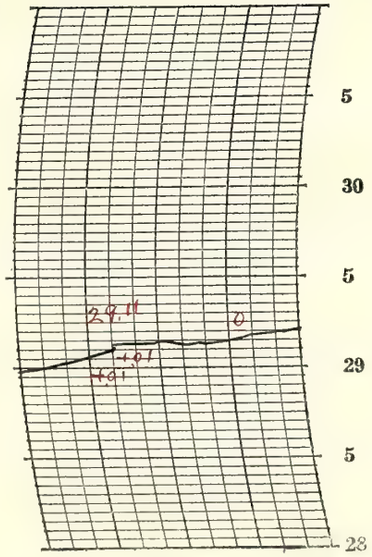
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CAK

Verified by C. McDonough

8—486

NOTES

Snowfall to 7:00 am. Trace
Wind direction by observation or interpolation
Issued flood warning to cover crest stage of about 18.0 feet.
The cloudiness increased from early morning and the day as a whole was partly cloudy. Mostly clear late at night.
The wind from the north and northeast seemed rather cold.

× Thermograph pen failed to record; record interpolated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 23 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	30	29	29	28	29	32	34	36	38	38	39	39	40	40	40	39	38	36	35	34	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear				× Pt cldy ×						Cloudy					× Pt cloudy			
Sunshine (in tenths of hours)	Ø	Ø	Ø	Ø	Ø	35 0	0.8 0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0						
Wind direction	SE	E	E	E	E	E	E	E	SE	SE	SE	SE	E	E	SE	E	E	E	E	E	E	E	NE	NE
Wind movement	4	4	5	6	4	5	5	4	8	8	7	8	8	6	7	7	9	8	6	8	10	8	7	8

Sunrise: Time, 5:39 Character, Clear
Moonrise: 11:09p Clear?
Sunset: Time, 5:56 Character, Cloudy
Moonset: 8:26a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

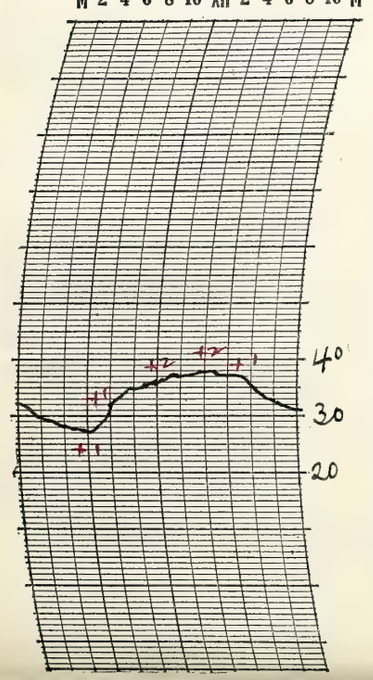
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	28	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.2 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 67
Prevailing wind direction, E Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 4:24 p.m.
Reduced barometer, 30.15 7 a. m. 30.06 7 p. m.
River gage, 17.6 feet
Relative humidity, 79 7 a. m. 67 7 p. m.

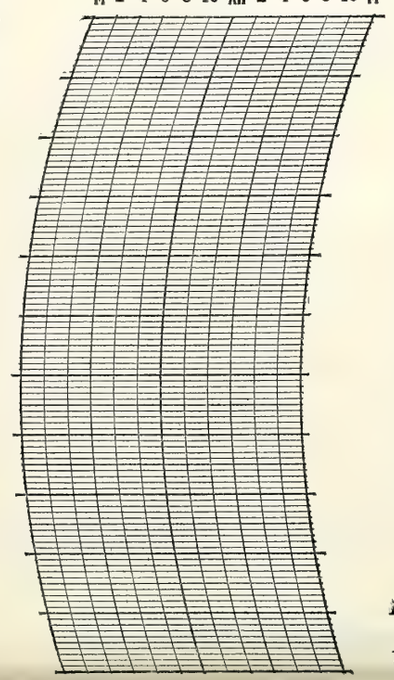
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.6 Wet temperature, 32.0
Dew-point, 23 R. humidity, 54 V. pressure, 118
Clouds: Amount, 3 ; Kind, St cu ; Direction, SW
Velocity of clouds (miles per hour)

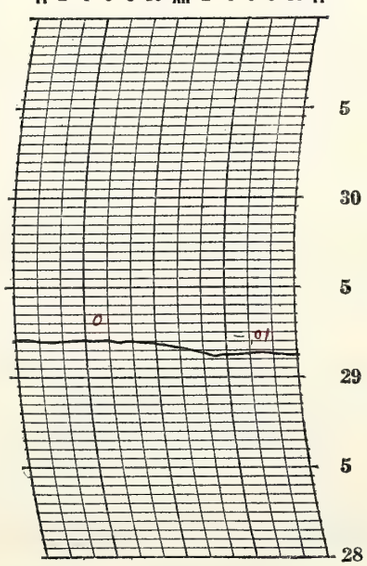
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Heavy deposit of frost in the early morning.

Wind direction by observation or interpolation.

Flood bulletin contained information that the flood had reached its crest and the rivers were falling.

Increasing cloudiness during the day. Partly cloudy late at night. Temperatures averaged below normal.

Solar halo, 22° radius, observed 6:45 am to about 2:00 p.m. Halo was rather dim until after 10:00 am. It then became colored and the circle was complete.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 24 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	30	30	30	29	31	32	34	38	39	41	42	44	44	44	43	43	43	42	40	40	40	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<	Pt cldy		X	Clear		X			Pt cloudy			X		Cloudy		X		Clear
Sunshine (in tenths of hours)						0	0	0.8	1.0	0.8	1.0	0.5	0.5	0.8	0.3	0.2	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NW	W	W	NW	NW	W	W	W	W
Wind movement	8	7	7	6	6	6	6	7	6	7	5	4	5	6	6	5	8	6	3	3	4	2	4	4

Sunrise: Time, 5:38 Character, Cloudy
Moonrise: — —
Sunset: Time, 5:57 Character, Cloudy
Moonset: 9:01 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

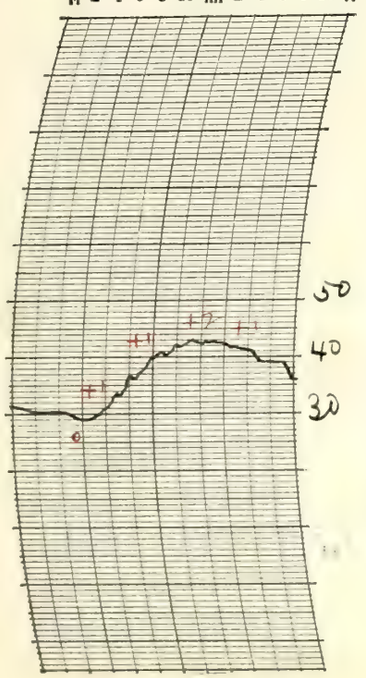
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	29	37	

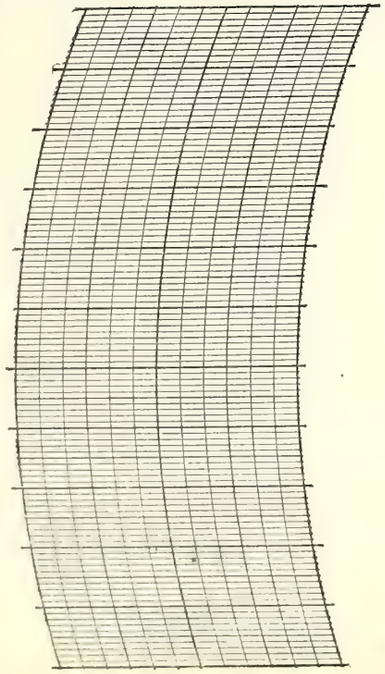
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.9 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 48
Prevailing wind direction, NE Total wind, 131
Average hourly velocity, 5.5 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 9:45 am
Reduced barometer, 30.10 7 p. m. 30.11 7 p. m.
River gage, 17.3 feet
Relative humidity, 85 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 40.9 Wet temperature, 35.2
Dew-point, 27 R. humidity, 56 V. pressure, 143
Clouds: Amount, 7; Kind, St+Cu; Direction, NE
Velocity of clouds (miles per hour)

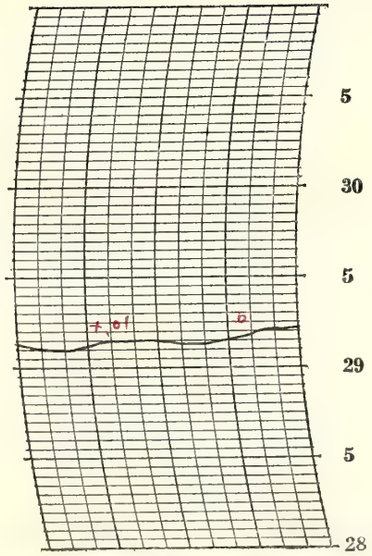
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OEK

Verified by P. M. Dunnigan

8—486

NOTES

The sky was partly overcast the greater part of the day. It was mostly clear late at night.
Temperatures nearly normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 25 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	35	36	35	38	41	44	47	48	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)						40 0	10 0	1.0	1.0	1.0	0.4	0.9
Wind direction	W	W	W	W	SW	SW	S	S	S	S	S	S
Wind movement	4	2	2	1	3	4	5	7	8	10	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	52	53	52	50	50	47	46	47	46	46
State of weather: Nature of precipitation and time of beginning and ending							RB 6:39					
Amounts of precipitation							T	T	.01	T	.02	.01
Cloudiness and other conditions					Pt Cldy				Cloudy			
Sunshine (in tenths of hours)	0.8	0.3	0.5	0.3	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	S
Wind movement	11	11	11	10	11	9	8	16	11	12	12	8

Sunrise: Time, 5:36 Character, Clear
Moonrise: 12:10a Clear?

Sunset: Time, 5:58 Character, Cloudy
Moonset: 9:42a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

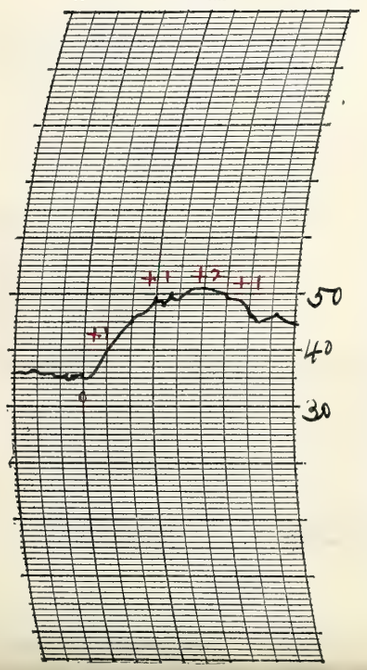
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.6 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 61
Prevailing wind direction, S Total wind, 195
Average hourly velocity, 8.1 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 7:22 p.m.
Reduced barometer, 30.217 a. m. 29.96 7 p. m.
River gage, 15.7 feet
Relative humidity, 71 7 a. m. 56 7 p. m.

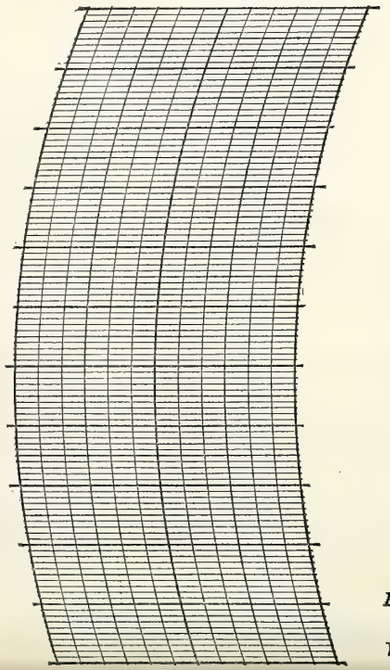
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 51.2 Wet temperature, 42.7
Dew-point, 32 R. humidity, 48 V. pressure, 1.80
Clouds: Amount, 7; Kind, CU; Direction, SW
Velocity of clouds (miles per hour)

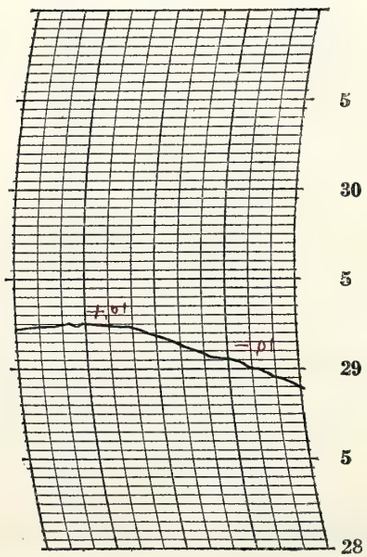
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by M. McDonough

8—486

NOTES

The cloudiness varied considerably from time to time and the day as a whole was partly cloudy. Light rain began 6:39 p.m and continued past midnight. Moderate temperatures.

Solar halo, 22° radius, 8:20 am to 9:30 am, brightly colored above sun; Parhelia right and left of Sun, 8:20 am to 9:17 am, brightly colored; Parhelic circle – almost complete at times – 8:20 am to 9:17 am, distinctly white; ordinary Paranthelia of 120° – quite distinct – 8:20 am to about 9:00 am; Paranthelia of 90° and anthelion dimly visible at intervals between 8:20 am and 9:00 am; Solar halo, 46° radius, colored, 8:55 am for a few minutes; Upper tangent arcs of 22° halo – brightly colored and long – 8:55 am to 9:17 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	44	41	40	40	39	37	37	38	37
Nature of precipitation and time of beginning and ending			RE PN				RB 6:00	RE 7:05	SMB 8:05		SME RB 10:15	
Amounts of precipitation	.03	T	.01				T	T	T	T	T	T
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	7	10	12	17	17	11	13	14	19	16	19	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	33	33	32	37	32	32	32	32	32
Nature of precipitation and time of beginning and ending	RE 12:30						RB 6:10	RE 7:30				
Amounts of precipitation	T						T	T				
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	NW	W	NW	NW	NW	NW	NW
Wind movement	22	26	26	26	23	22	18	17	16	16	12	12
Maximum velocities (exceeding 29 miles) direction and time		31 W 1:35	32 W 2:28	31 W 3:05	30 W 4:10							

Sunrise: Time, 5:34 Character, Cloudy
Moonrise: 1:11 a Cloudy

Sunset: Time, 5:59 Character, Cloudy
Moonset: 10:31 a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	32	39	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight T inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase, Last Quarter 5:35 a
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 410
Average hourly velocity, 17.1 Extreme velocity, 35
Maximum velocity, 32 Direction, W
Time began, 2:28 p m.
Reduced barometer, 29.76 7 a. m. 30.05 7 p. m.
River gage, 12.7 feet
Relative humidity, 76 7 a. m. 95 7 p. m.

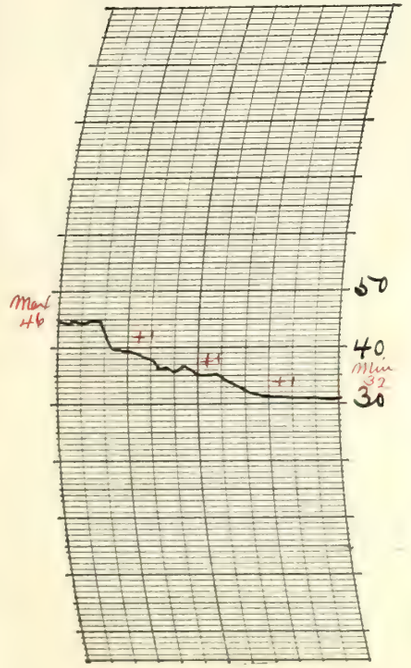
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

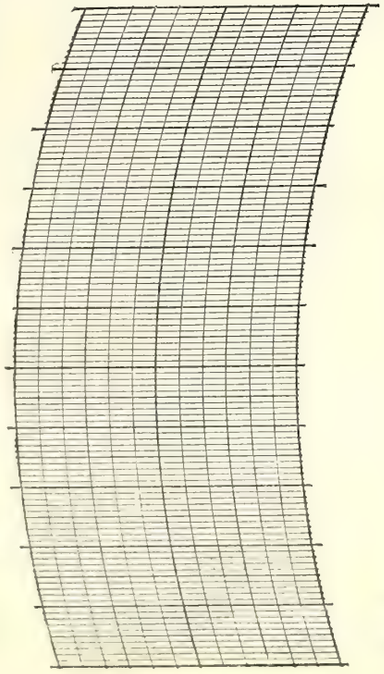
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 36.7 Wet temperature, 35.4
Dew-point, 34 R. humidity, 89 V. pressure, .195
Clouds: Amount, 10; Kind, N.b.; Direction, W
Velocity of clouds (miles per hour)

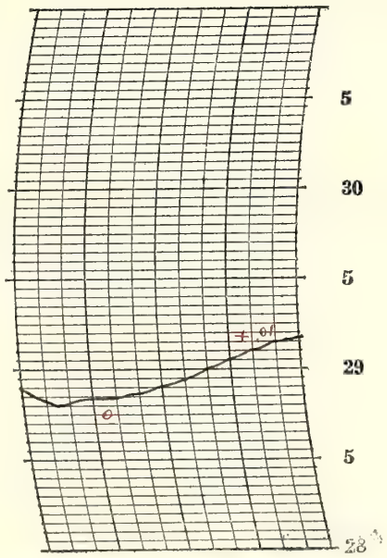
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by P. McDonough

8—486

NOTES

The sky was heavily clouded all day with light rains and snow flurries. Cloudy late at night. In the evening the light rain froze as it fell but the ice formed was very thin.

It was warm during the early morning but the temperature fell during the day and it was about freezing at night.

Strong westerly winds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 27 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	31	31	32	32	33	35	35	35
State of weather: Nature of precipitation and time of beginning and ending				RB DN		RF DN	SMB 6:10	SME 7:15				SMB 11:15 SME 11:45
Amounts of precipitation				T	T	T	T	T				T
Cloudiness and other conditions												Cloudy

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	36	35	35	35	34	34	33	32	32	31	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									X Clear			

Sunrise: Time, 5:33 Character, Cloudy
Moonrise: 2:07a Cloudy
Sunset: Time, 6:00 Character, Cloudy
Moonset: 11:28a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	11	10	11	11	9	8	10	12	10	9	10

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	N	NW
Wind movement	10	9	9	10	8	7	6	5	3	2	3	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

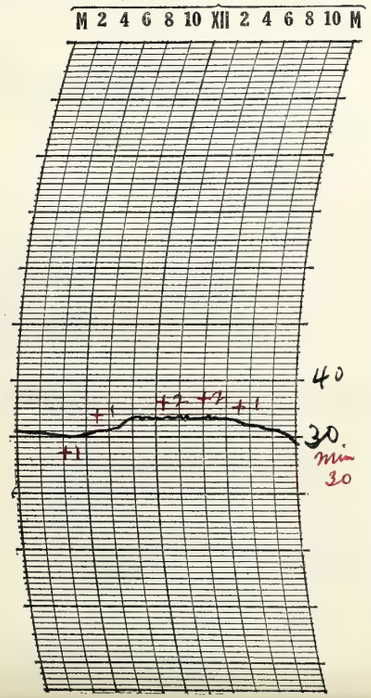
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	30	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 199
Average hourly velocity, 8.3 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 12:07 am
Reduced barometer, 30.23 7 a. m. 30.31 7 p. m.
River gage, 9.1 fall
Relative humidity, 100 7 a. m. 64 7 p. m.

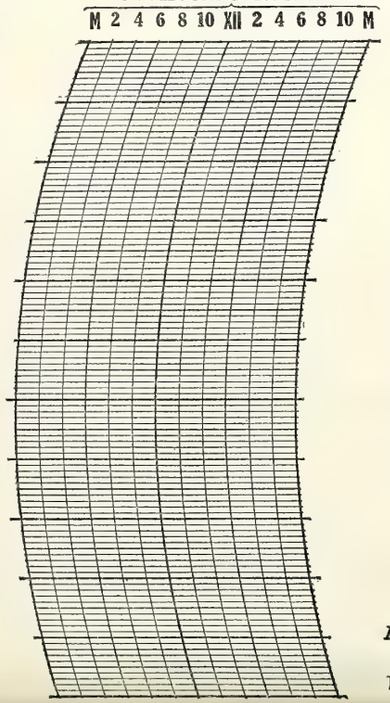
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.7 Wet temperature, 32.2
Dew-point, 29 R. humidity, 77 V. pressure, .157
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

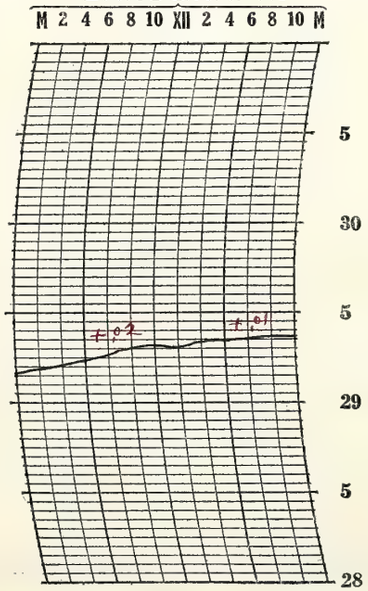
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.E.R.
Verified by J. McDonough

NOTES

Snowfall to 7:00 am trace.
Light rain and snow flurries occurred in the forenoon. The sky continued heavily clouded until about 8:30 p.m. when it cleared off in a short while. Clear late at night. Stars bright.
The weather was cool with temperatures below the normal.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	27	26	25	26	27	30	32	34	35	37	39	41	42	42	42	41	40	38	37	35	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						48 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8 0.1	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	6	5	6	5	7	4	5	7	8	7	8	10	10	10	11	10	8	7	6	6	5	5	4	5

Sunrise: Time, 5:31 Character, Clear
Moonrise: 2:59a Clear
Sunset: Time, 6:01 Character, Cloudy
Moonset: 12:34p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

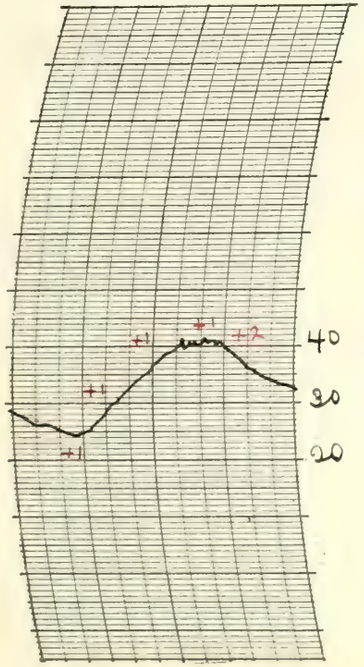
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 98
Prevailing wind direction, NW Total wind, 165
Average hourly velocity, 6.9 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 1:40 p m
Reduced barometer, 30.39 7 a. m. 30.38 7 p. m.
River gage, 6.4 Rise
Relative humidity, 81 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.8 Wet temperature, 30.0
Dew-point, 17 R. humidity, 42 V. pressure, 0.89
Clouds: Amount, 2; Kind, Strat; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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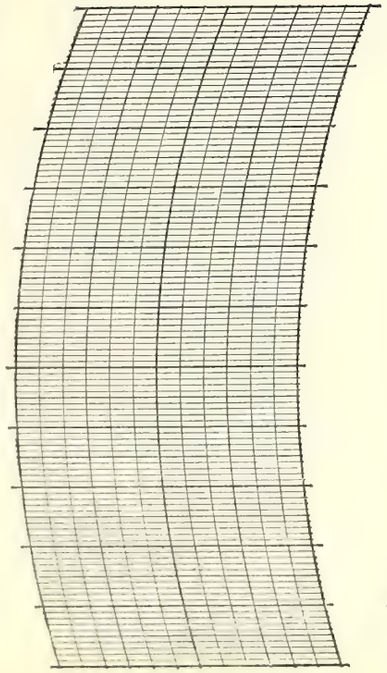
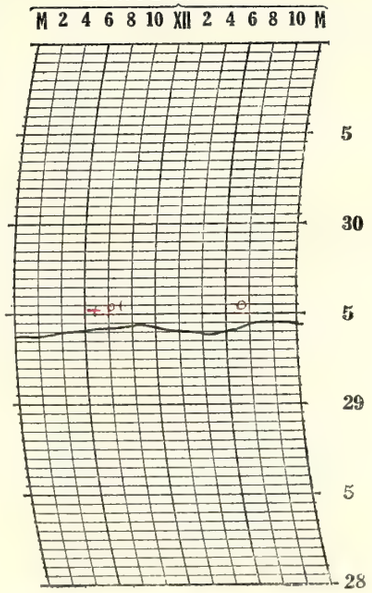


BAROGRAPH.



Prepared by DEK

Verified by P. McDonough

8—486

NOTES

Heavy deposit of frost in early morning.

The sky was mostly clear all day although a small amount of clouds prevailed until after nightfall. Clear into the night. Stars visible.

Although the sun shone brightly most of the time the air seem cold. The temperature averaged somewhat below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 29 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	31	31	31	31	33	39	41	43	46	48	49	50	51	50	51	50	49	47	47	46	45	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<			Clear				XH	cldy	X			Cloudy							>
	Sunrise: Time, 5:29; Character, Cloudy. Moonrise: 3:44a Clear																				Sunset: Time, 6:02; Character, Cloudy. Moonset: 1:47p Cloudy			
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	E	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	5	6	3	1	2	4	5	7	11	12	11	12	12	13	16	13	12	9	7	9	10	11	11	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	31	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy; Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.7; Possible sunshine, hours, 12.6

Per cent of possible sunshine, 61

Prevailing wind direction, S; Total wind, 211

Average hourly velocity, 8.8; Extreme velocity, 20

Maximum velocity, 18; Direction, SS

Time began, 2:10 p m.

Reduced barometer, 30.41 7 a. m. 30.13 7 p. m.

River gage, 5.4 fall

Relative humidity, 55 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

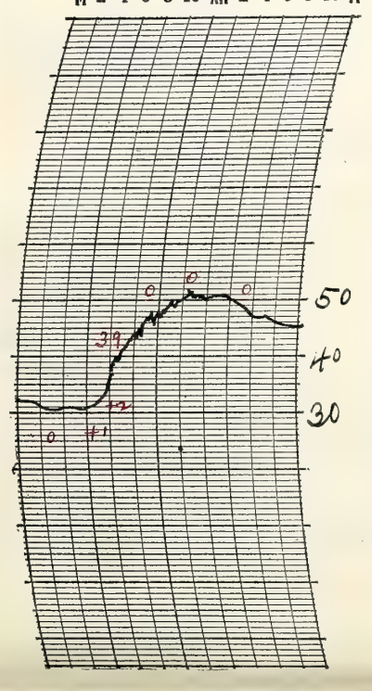
Dry temperature, 48.4; Wet temperature, 38.9

Dew-point, 26; R. humidity, 39; V. pressure, .136

Clouds: Amount, 4; Kind, a cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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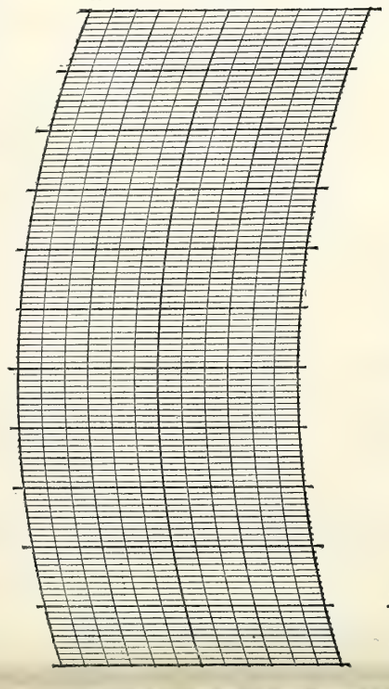
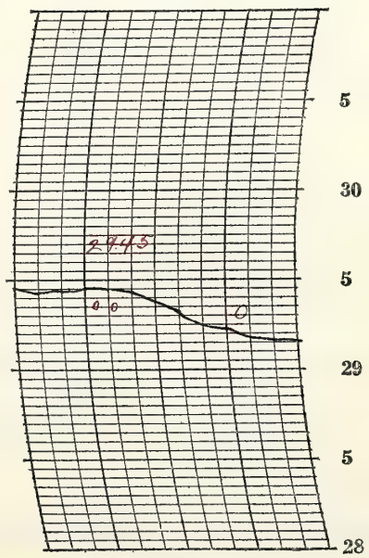


BAROGRAPH.



Prepared by O.G.R.

Verified by T. McDonough

8—486

NOTES

The sky was mostly clear during the forenoon and mostly cloudy in the afternoon. Cloudy into the night.

The temperature rose from early morning and the average was about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 30 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	44	43	45	45	45	48	52	54	58
Nature of precipitation and time of beginning and ending				RB PR	RE PR							
Amounts of precipitation				T	T							
Cloudiness and other conditions					Cloudy			Pt cldy			clear	
Sunshine (in tenths of hours)						0	0	0	0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW
Wind movement	10	10	11	11	12	10	9	7	9	11	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	62	61	62	63	61	58	56	54	53	52	49
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt cldy			clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.9	0.3	0					
Wind direction	W	W	W	W	W	W	W	SW	W	W	W	W
Wind movement	11	13	13	12	11	7	7	5	6	4	3	4

State of weather.

Sunrise: Time, 5:28 Character, Cloudy

Moonrise: 4:25a Cloudy

Sunset: Time, 6:03 Character, Cloudy

Moonset: 3:02p Cloudy

Maximum velocities (exceeding 20 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	43	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.9 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 71

Prevailing wind direction, W Total wind, 320

Average hourly velocity, 9.2 Extreme velocity, 20

Maximum velocity, 17 Direction, W

Time began, 2:08 p.m.

Reduced barometer, 30.05 7 a. m. 30.01 7 p. m.

River gage, 4.7 fall

Relative humidity, 84 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

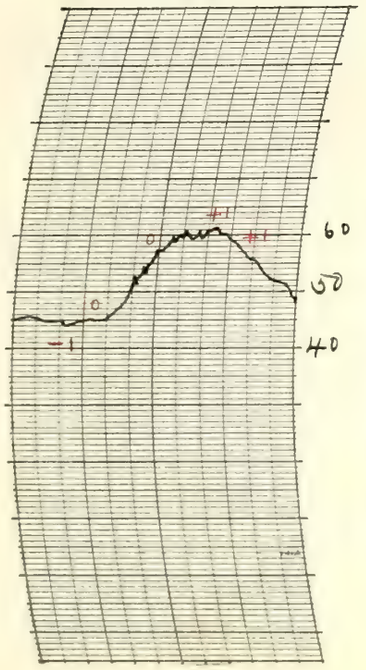
Dry temperature, 58.2 Wet temperature, 47.4

Dew-point, 36 R. humidity, 43 V. pressure, 211

Clouds: Amount, 1; Kind, St cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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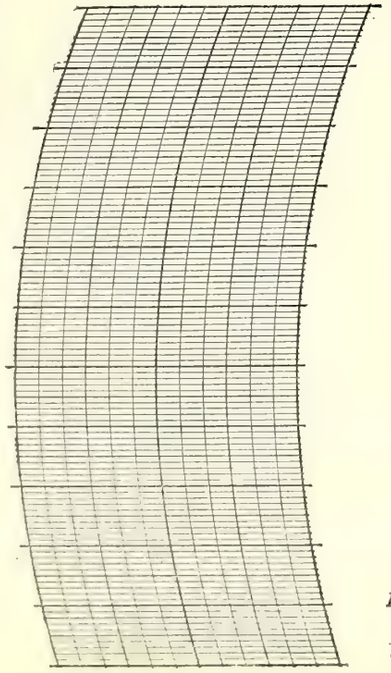
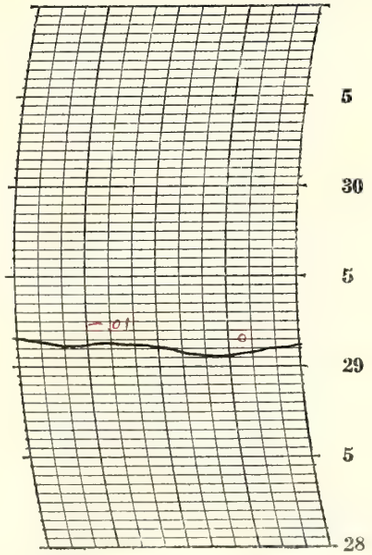


BAROGRAPH.



Prepared by OER

Verified by C. M. Hanaugh

8—486

NOTES

A light rain occurred in the early morning and the amount of clouds varied somewhat during the day. Mostly clear into the night. Stars visible.

The weather was quite pleasant. Temperatures somewhat above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 31 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	42	40	39	37	36	39	42	45	46	49	50	51	52	52	53	51	50	48	46	43	42	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear		×			Pt cloudy					×			Cloudy					→
Sunshine (in tenths of hours)						5.7	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0					
Wind direction	N	N	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	7	10	8	8	7	7	6	9	12	12	9	10	8	10	9	10	10	10	11	14	17	14	17	21

Sunrise: Time, 5:26 Character, Clear
Moonrise: 5:00 a Clear
Sunset: Time, 6:04 Character, Cloudy
Moonset: 4:20 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

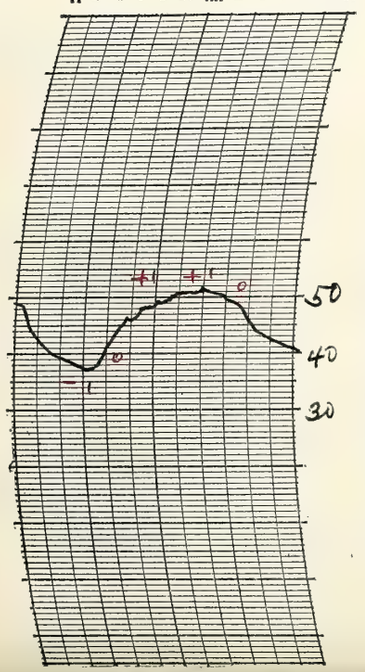
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.7 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 85
Prevailing wind direction, NE Total wind, 256
Average hourly velocity, 10.7 Extreme velocity, 25
Maximum velocity, 24 Direction, E
Time began, 11:00 p.m.
Reduced barometer, 30.12 7 a. m. 30.01 7 p. m.
River gage, 4.2 feet
Relative humidity, 65 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.2 Wet temperature, 39.2
Dew-point, 23 R. humidity, 33 V. pressure, 111.8
Clouds: Amount, 6; Kind, Ast; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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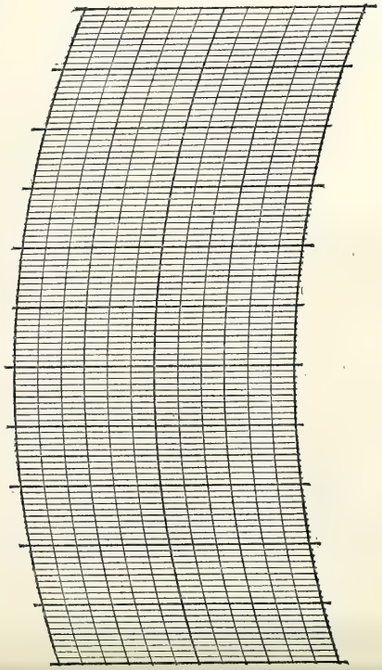
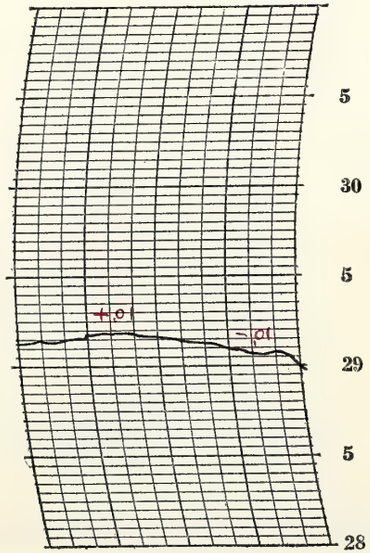


BAROGRAPH.



Prepared by OGR.
Verified by P. H. Dorough

8—486

NOTES

The cloudiness increased from early morning and the day as a whole was partly cloudy. The sunshine was recorded through the thin upper clouds until late afternoon. Cloudy into the night.

Temperature averaged slightly above normal.

Solar halo, 22° radius, observed 7:58 am to after 4:00 p.m. Parhelion at right of Sun 7:58 am and at left of Sun 8:15 am for a few minutes. Halo circle complete most of time after 10:00 am. Phenomena slightly colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 1 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	35	33	33	34	35	37	37	37	38	39	39
State of weather: Nature of precipitation and time of beginning and ending	RB 12:30							RE 7:10		RB 9:00		
Amounts of precipitation	T	.23	.27	.09	T	.04	.02	T		T	T	.03
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	NE	E	NE	E	E	E	E	E	NE	E	E
Wind movement	20	20	20	24	26	21	11	17	16	15	17	17
Maximum velocities (exceeding 29 miles) direction and time				30 NE 3:54	32 E 4:06	31 E 5:20						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	36	37	37	36	36	36	35	34	33	32
State of weather: Nature of precipitation and time of beginning and ending											RE DN	
Amounts of precipitation	.02	.10	.03	.01	.02	T	.02	.01	T	T	.01	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	17	19	19	14	14	13	18	17	17	16	17
Maximum velocities (exceeding 29 miles) direction and time												

Cloudy

Sunrise: Time, 5:24 Character, Cloudy
Moonrise: 5:32a Cloudy

Sunset: Time, 6:06 Character, Cloudy
Moonset: 5:37p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	32	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .65 ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, .90 inches.
Character of day, Cloudy Moon phase New - 10:24 p
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 420
Average hourly velocity, 17.5 Extreme velocity, 35
Maximum velocity, 32 Direction, E
Time began, 4:06 am.
Reduced barometer, 29.65 7 a. m. 29.68 7 p. m.
River gage, 4.4 feet
Relative humidity, 91 7 a. m. 90 7 p. m.

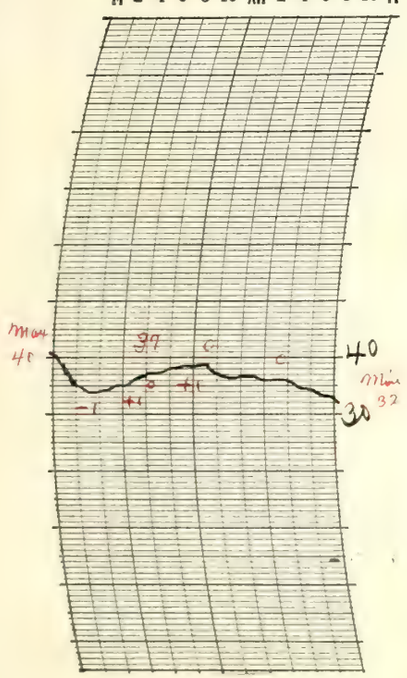
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

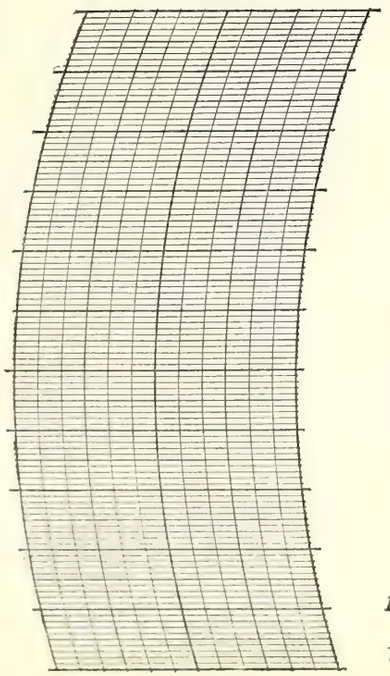
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.7 Wet temperature, 37.9
Dew-point, 37 R. humidity, 93 V. pressure, .219
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

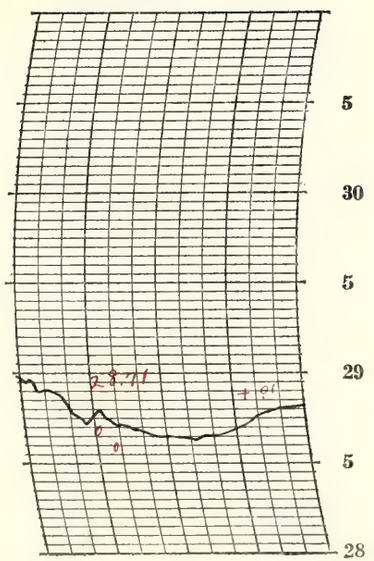
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.E.K.

Verified by P. M. Dorough

8—106

NOTES

Rain fell the greater part of the 24 hours. In the early morning it was moderately heavy but throughout the day and until late at night the fall was light.

The weather was cool and rather disagreeable. Strong wind from east and northeast.

* Rain caused short circuit in anemometer; hourly wind velocity interpolated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	33	33	34	34	34	35	37	38	38	40	41	43	44	42	42	40	39	39	39	38
State of weather: Nature of precipitation and time of beginning and ending				SNB DN			SNE 6:30																	
Amounts of precipitation				T	T	T	T																	
Cloudiness and other conditions						Cloudy											X		Clear					

Sunrise: Time, 5:23 Character, Cloudy
Moonrise: 6:04a Cloudy
Sunset: Time, 6:07 Character, Cloudy
Moonset: 6:54p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0.6	0.8	0.1	0					
Wind direction	NE	NE	NE	NE	NE	N	N	N	NE	NE	N	N	NE	E	SW	W	S	SE	S	S	SW	SW	SW	SW
Wind movement	16	15	15	16	11	10	10	11	14	10	9	7	6	4	5	2	6	5	6	8	6	5	5	7

Maximum velocities (exceeding 20 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

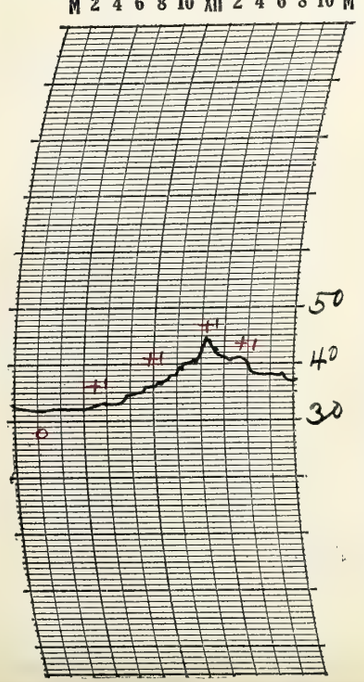
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	32	39	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.5 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 12
Prevailing wind direction, NE Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 19
Maximum velocity, 19 Direction, NE
Time began, 1205 am
Reduced barometer 29.88 7 a. m. 30.08 7 p. m.
River gage, 9.3 feet
Relative humidity, 75 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.5 Wet temperature, 33.8
Dew-point, 28 R. humidity, 69 V. pressure, 1.50
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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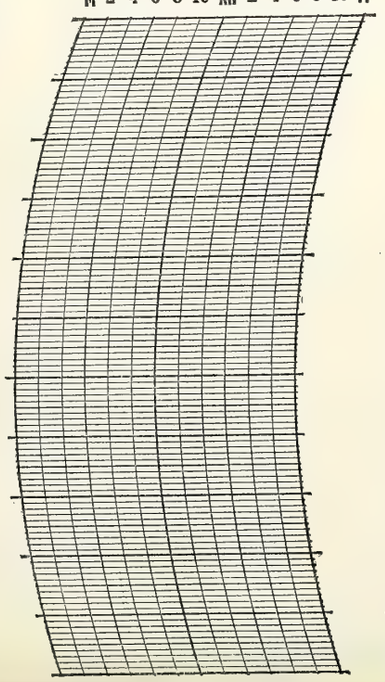
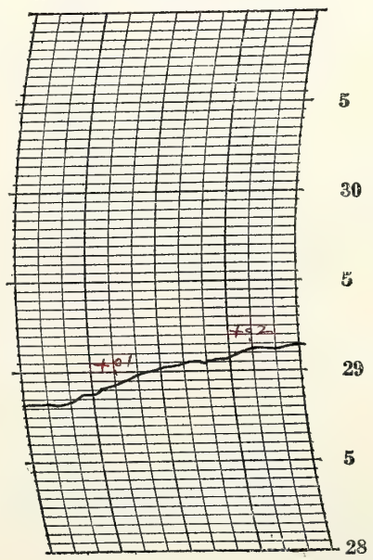


BAROGRAPH.



Prepared by DEK

Verified by P. McArnough

8—486

NOTES

Snowfall to 7:00 am Trace
Light snow flurries occurred in the early morning. The sky continued heavily clouded until late in the afternoon when it became mostly clear. It remained clear into the night but clouds began to form about 11:30 p. m.
The weather was rather cool.

There was no frost in the early morning but freezing temperature (31.6°)

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 3 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	37	36	33	33	35	37	39	39	39	40	41	42	43	43	43	43	43	42	42	42	41	40
State of weather: Nature of precipitation and time of beginning and ending										RB 9:20	RE 10:30													
Amounts of precipitation										T	T													
Cloudiness and other conditions					<						Cloudy												>	

Sunrise: Time, 5:21 Character, Cloudy
Moonrise: 6:36 a Cloudy

Sunset: Time, 6:08 Character, Cloudy
Moonset: 8:11 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0.4	0	0.1	0.5	0.5	0	0	0					
Wind direction	SW	SW	SW	SW	E	E	SE	SE	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E
Wind movement	4	4	2	3	3	3	2	4	6	8	10	8	7	9	8	9	7	6	4	4	4	5	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

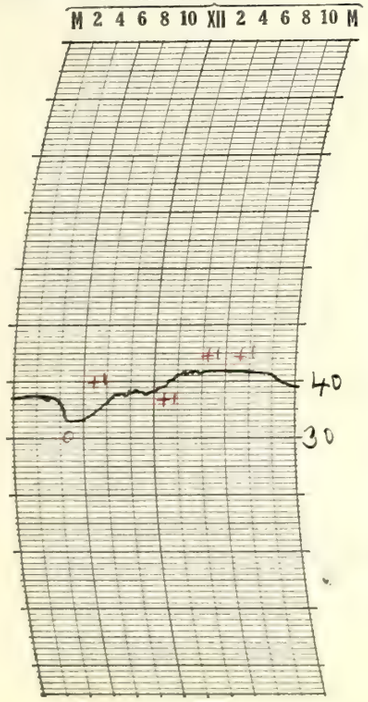
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	33	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.7 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 13
Prevailing wind direction, SE Total wind, 134
Average hourly velocity, 5.6 Extreme velocity, 13
Maximum velocity, 13 Direction, SE
Time began, 1:53 p.m.
Reduced barometer, 30.16 7 a. m. 30.04 7 p. m.
River gage, 9.3 feet
Relative humidity, 86 7 a. m. 70 7 p. m.

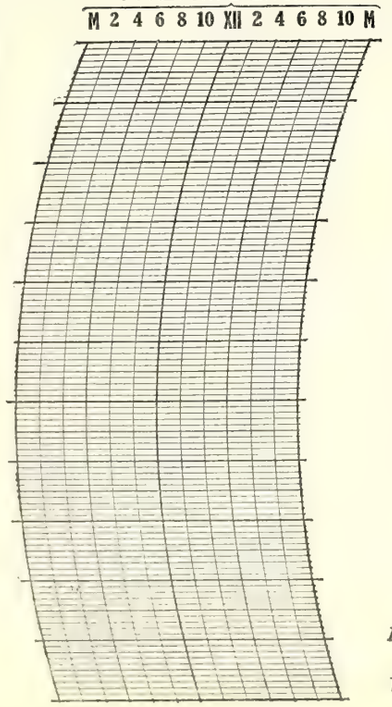
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.6 Wet temperature, 37.0
Dew-point, 33 R. humidity, 79 V. pressure, 1.87
Clouds: Amount, 10; Kind, St cu; Direction, SE
Velocity of clouds (miles per hour)

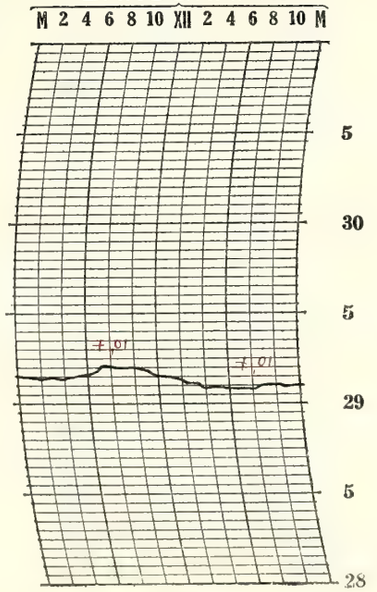
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by C. M. McDonough

8—486

NOTES

The sky was cloudy the greater part of the day. There was a light shower in the forenoon. Sunshine was recorded at intervals through the clouds. Mostly cloudy into the night but some of brighter stars visible at times.

The weather was cool with temperatures below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	36	35	34	36	39	43	48	50	53	55	57	57	57	57	54	48	47	48	47	51	56
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:35	RE 5:20			RB 8:00		RE 10:45	
Amounts of precipitation																	T	T			.07	.52	.03	
Cloudiness and other conditions								Pt cloudy								Cloudy								
Sunrise: Time, Character,	5:19 Cloudy																							
Moonrise:	7:09a Cloudy																							
Sunset: Time, Character,																					6:09 Cloudy			
Moonset:																					9:26p			
Sunshine (in tenths of hours)						0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE	SW
Wind movement	8	7	8	8	9	9	8	10	13	14	18	12	13	10	12	10	13	18	12	17	8	14	15	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

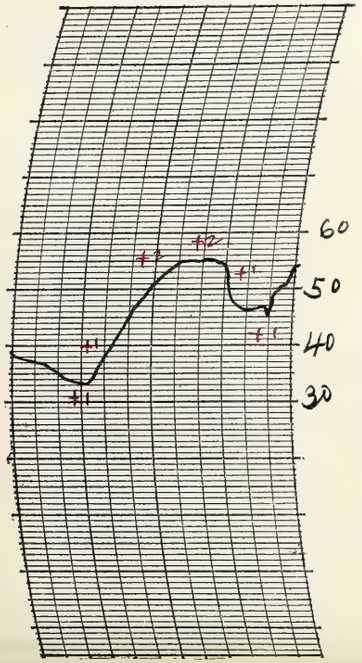
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	34	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .62 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.2 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 56
Prevailing wind direction, E Total wind, 273
Average hourly velocity, 11.4 Extreme velocity, 33
Maximum velocity, 27 Direction, E
Time began, 5:36 p.m.
Reduced barometer, 30.06 7 a. m. 29.82 7 p. m.
River gage, 9.0 fall
Relative humidity, 91 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.4 Wet temperature, 46.2
Dew-point, 39 R. humidity, 58 V. pressure, .237
Clouds: Amount, 5; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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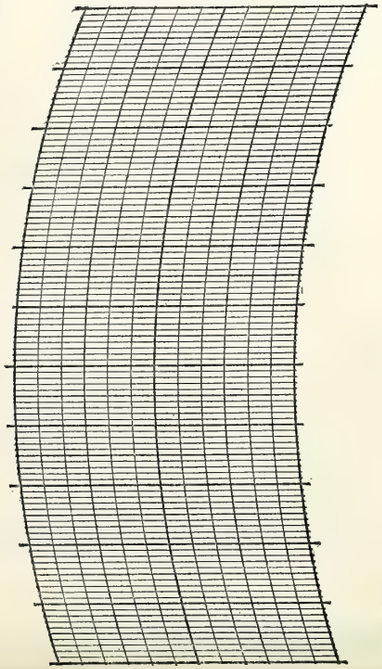
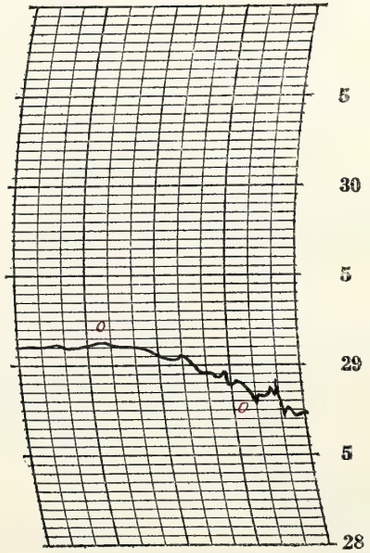


BAROGRAPH.



Prepared by O.E.R.

Verified by P.W. Dronough

8—486

NOTES

Light frost in early morning. Upper clouds prevailed from the early morning and sunshine was recorded through the clouds until some time after noon. The clouds became heavier in the afternoon and a light shower occurred in the evening. A thunderstorm accompanied by heavy rain began 8:03 p.m. and ended 10:45 p.m. Considerable thunder and lightning. Gusty wind. The temperature rose rapidly and remained rather high with the high. Solar halo, 22° radius observed 8:40 am to 12:00 noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 5 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	60	57	57	49	48	47	48	49	53	57
State of weather: Nature of precipitation and time of beginning and ending	BB 12:10				RE PK							
Amounts of precipitation	.01	T	T	.01	T							
Cloudiness and other conditions	←				Cloudy	×	Pt cldy	×	Clear	×	Pt cldy	×
Sunrise: Time, Character,	5:17 Cloudy											
Moonrise:	7:46a Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.7	1.0	1.0	1.0
Wind direction	SE	S	SW	SW	W	W	W	W	W	W	W	W
Wind movement	8	12	16	18	21	16	15	16	17	17	15	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	59	61	60	58	54	53	53	50	49	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt cldy	×				Clear					→	
Sunset: Time, Character,									6:10 Cloudy			
Moonset:									10:39p Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	W	W	W	W	W	NW	NW	NW	NW	SW	SW	SW
Wind movement	15	17	17	15	17	12	7	5	5	6	7	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

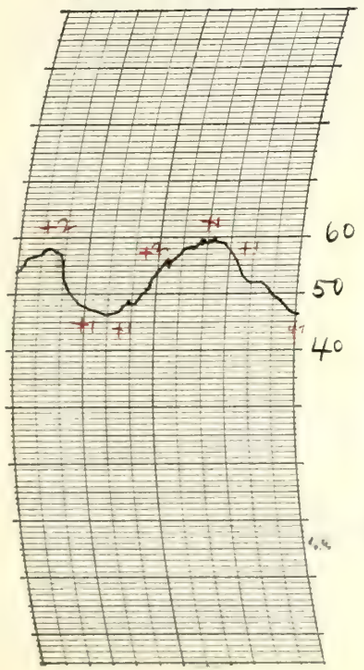
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	47	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .64 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.3 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 72
Prevailing wind direction, W Total wind, 317
Average hourly velocity, 13.2 Extreme velocity, 30
Maximum velocity, 29 Direction, W
Time began, 4:18 am
Reduced barometer, 29.81 7 a. m. 30.04 7 p. m.
River gage, 10.8 fall
Relative humidity, 87 7 a. m. 52 7 p. m.

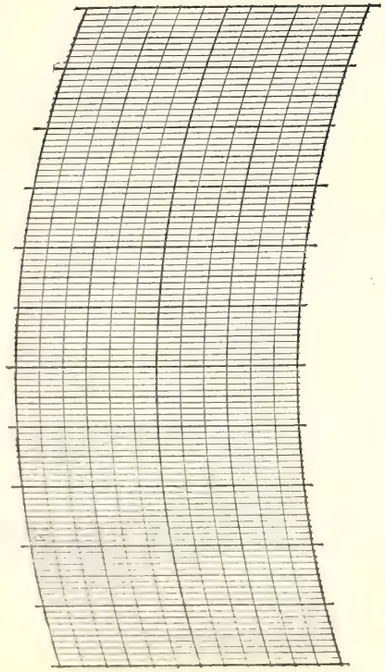
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.8 Wet temperature, 47.2
Dew-point, 39 R. humidity, 57 V. pressure, .237
Clouds: Amount, 4 Few; Kind, Cu & Cu; Direction, W NW
Velocity of clouds (miles per hour)

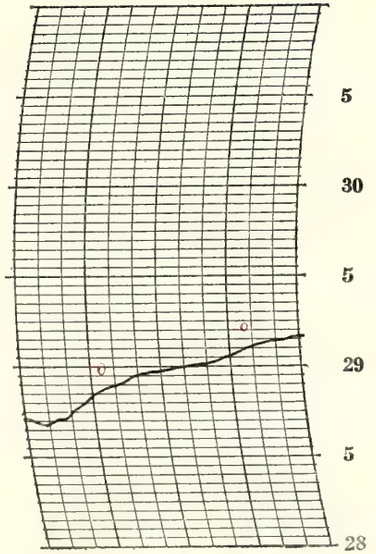
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.W.

Verified by P. M. E. Donough

8—480

NOTES

Rain occurred in the early morning. The cloudiness decreased during the day and the day as a whole was partly cloudy. Clear into the night. Stars bright. New Moon visible.

The temperature was variable and averaged somewhat above normal.

Solar halo, 22° radius, observed from 8:50 am to 3:00 p. m. — circle complete and brightly colored at times. Upper tangent arcs of 22° halo observed 9:55 am to 10:30 am. Solar halo, 46° radius, observed for a few minutes at 11:40 am — a small segment at lower left, colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 6 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	45	45	44	44	47	51	53	55	59	63
State of weather: Nature of precipitation and time of beginning and ending										RB 9:15 RE 9:22		
Amounts of precipitation										T		
Cloudiness and other conditions				<	Cloudy			×	Pt cldy	×	Clear	
Sunrise: Time, Character,	5:16 Cloudy											
Moonrise:	8:28a Cloudy											
Sunshine (in tenths of hours)						0	0.2	0.3	0.4	0.8	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	8	10	8	11	12	12	12	11	13	14	16	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	57	59	59	57	54	50	48	43	40	37
State of weather: Nature of precipitation and time of beginning and ending			RB 2:00	RE 3:15 RB 3:55	RE 4:10							
Amounts of precipitation			.01	.01	.01							
Cloudiness and other conditions	× Pt cldy	×	Cldy	×	Pt cldy	×			Clear			>
Sunset: Time, Character,									6:11 Cloudy			
Moonset:									11:47p Clear			
Sunshine (in tenths of hours)	1.0	0.8	0	0	0.6	0.5	0					
Wind direction	W	W	NW	W	W	NW	NW	NW	NW	N	N	N
Wind movement	19	20	20	21	16	12	11	12	15	14	10	9

Maximum velocities (exceeding 29 miles) direction and time: 37 W 205

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

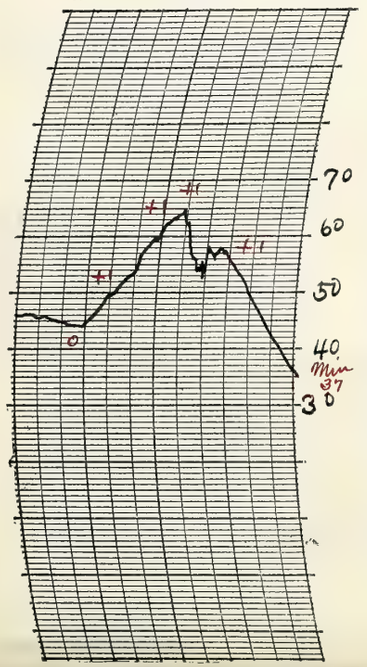
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	37	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 03 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.0 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 54
Prevailing wind direction, SW Total wind, 323
Average hourly velocity, 13.5 Extreme velocity, 42
Maximum velocity, 37 Direction, W
Time began, 3:05 p m.
Reduced barometer, 30.12 7 a. m. 30.13 7 p. m.
River gage, 12.5 fall
Relative humidity, 73 7 a. m. 52 7 p. m.

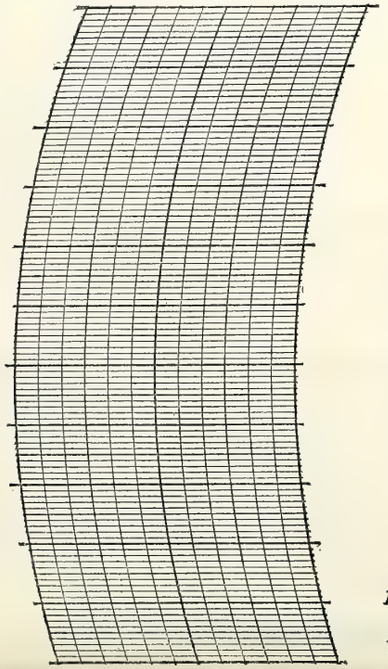
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.2 Wet temperature, 50.5
Dew-point, 38 R. humidity, 39 V. pressure, .228
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

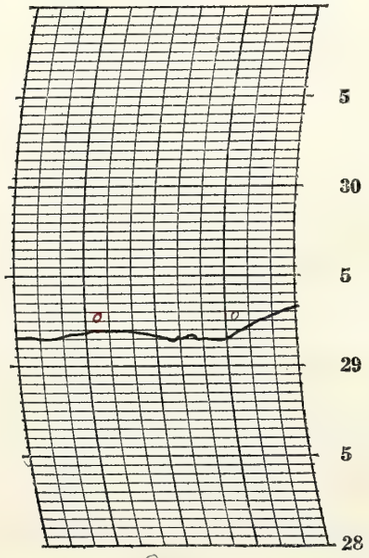
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by D.C.R.

Verified by P. McDonough

8—486

NOTES

The cloudiness changed considerable from time to time and the day as a whole was partly cloudy. Light showers occurred between periods of sunshine. Clear into the night. New Moon visible and stars brilliant.

Moderate temperatures. The wind was strong and gusty in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	32	31	30	30	29	30	30	32	33	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Cloudy					X	Pt Cloudy
Sunrise: Time, Character,	5:14 Cloudy											
Moonrise:	9:15 a Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.5	1.0
Wind direction	N	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	10	9	6	8	10	11	12	8	9	7	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	39	41	41	42	41	39	37	36	35	34	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy			X	Clear		X		Pt Cloudy			→
Sunset: Time, Character,									6:12 Clear			
Moonset:									— —			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.9 0.3	2.0 0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	9	11	14	16	12	9	7	7	9	10	10

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

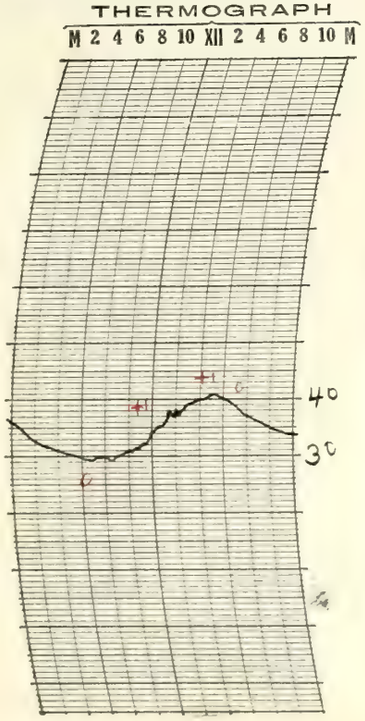
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	29	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.7 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 59
Prevailing wind direction, E Total wind, 227
Average hourly velocity, 9.5 Extreme velocity, 20
Maximum velocity, 18 Direction, NE
Time began, 4:30 p. m.
Reduced barometer, 30.41 7 a. m. 30.38 7 p. m.
River gage, 10.8 feet
Relative humidity, 78 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.9 Wet temperature, 31.3
Dew-point, 26, R. humidity, 67 V. pressure, 1.136
Clouds: Amount, 6; Kind, St + Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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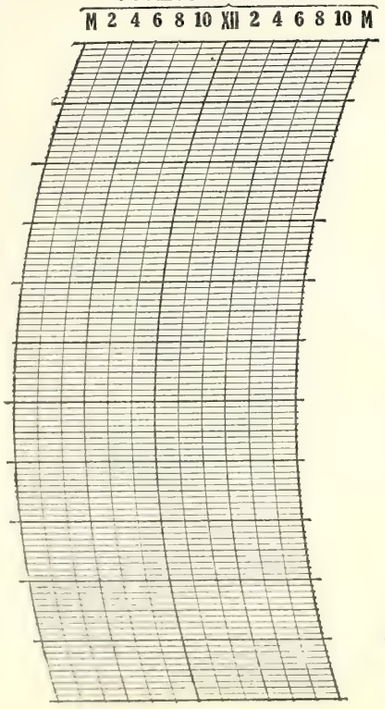
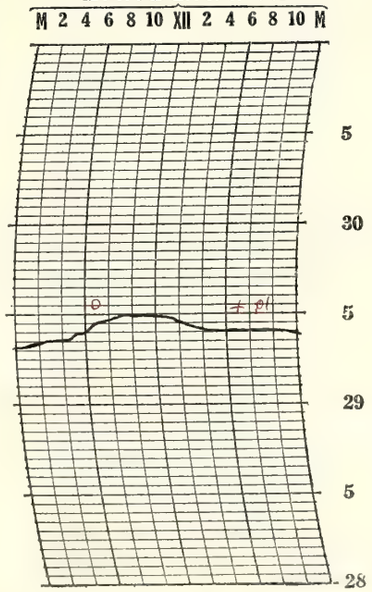


BAROGRAPH.



Prepared by E.K.

Verified by P. M. McDonough

8—486

NOTES

Killing frost in the am.
Lower clouds prevailed during the forenoon and upper clouds during the afternoon and night. It was mostly clear in the late afternoon but partly cloudy into the night. The moon was visible through the thin clouds but was not bright enough to cast a shadow.
The weather was rather cool.

Solar halo, 22° radius, observed 12:50 p.m. till after 1:00 p.m.
Lunar halo, 22° radius, observed 7:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 8 1927, 192

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	31	32	33	35	37	39	40	44	46	49	50	45	44	41	40	39	37	38	38	39
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:45						Cont'd	
Amounts of precipitation																	T	.09	.08	.08	.03	.04	.08	.05
Cloudiness and other conditions					<	Cloudy		X		Pt cloudy				X			Cloudy						>	
Sunshine (in tenths of hours)						0	0	0	0.2	0.7	0.2	1.0	0.5	1.0	0.4	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	E	E	E	E	E	E	NE	NE
Wind movement	12	12	15	13	13	13	14	13	17	14	15	15	15	13	18	15	16	13	16	15	16	14	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:13 Character, Cloudy
Moonrise: 10:08a Cloudy

Sunset: Time, 6:13 Character, Cloudy
Moonset: 12:47a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

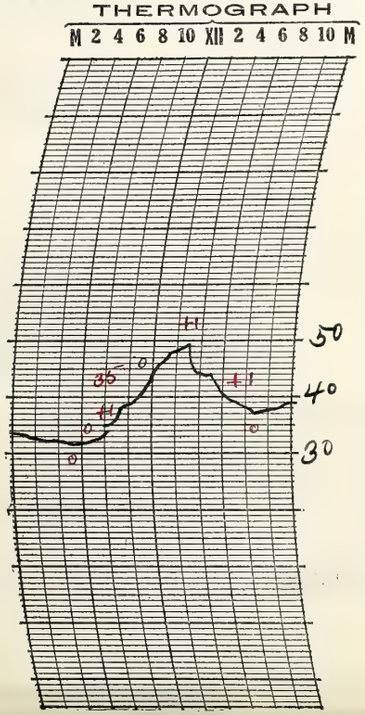
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	31	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .15 ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Cloudy Moon phase, First Quarter 6:21 p
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 31
Prevailing wind direction, E Total wind, 344
Average hourly velocity, 14.3 Extreme velocity, 24
Maximum velocity, 21 Direction, E
Time began, 11:28 am
Reduced barometer 30.225 7 a. m. 30.067 7 p. m.
River gage, 8.6 feet
Relative humidity, 71 7 a. m. 90 7 p. m.

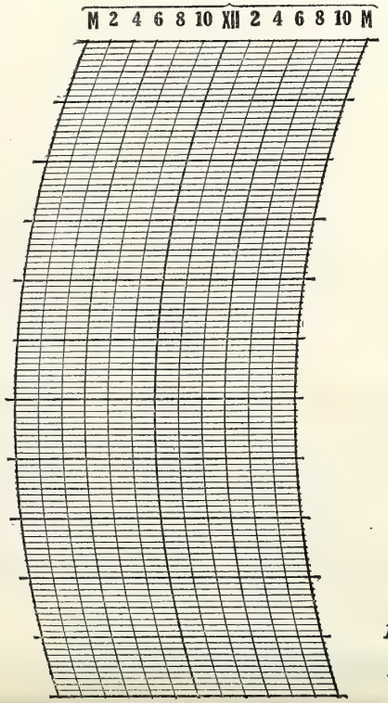
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.9 Wet temperature, 36.5
Dew-point, 26 R. humidity, 48 V. pressure, .136
Clouds: Amount, 4; Kind, ~~Ac~~ Cu St; Direction, W
Velocity of clouds (miles per hour)

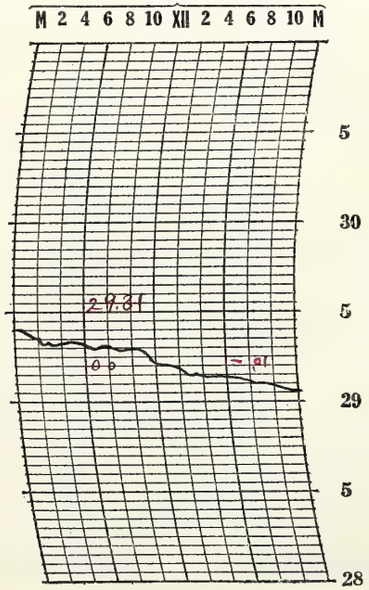
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.E.K.

Verified by P. McDonough

8—486

NOTES

Killing frost in am

The sky was mostly cloudy the greater part of the time but some sunshine was recorded during the middle of the day. Rain began in the late afternoon and continued steadily past midnight.

The temperature rose from early morning but it fell in the late afternoon.

Steady easterly wind.

Solar halo, 22° radius, observed 11:40 am. to 12:30 p.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 9 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	39	39	40	42	45	45	49	51
State of weather: Nature of precipitation and time of beginning and ending				RE DN								
Amounts of precipitation	.06	.01	T	.01								
Cloudiness and other conditions	<					Cloudy		×		Pt Cldy	×	Clear
Sunrise: Time, 5:11 Character, Cloudy												
Moonrise: 1:05 a Cloudy												
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	12	13	14	14	17	15	16	17	17	17	15	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	53	52	51	48	46	44	43	42	41	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×		Pt Cldy	×		Cloudy			×	Clear		
Sunset: Time, 6:14 Character, Cloudy												
Moonset: 1:39 a Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0	0					
Wind direction	E	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	14	17	16	16	17	17	15	15	13	12	14	13

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

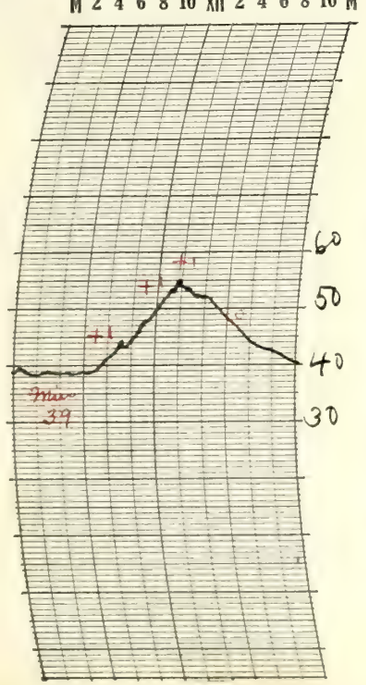
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	39	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .38 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.4 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 72
Prevailing wind direction, E Total wind, 358
Average hourly velocity, 14.9 Extreme velocity, 25
Maximum velocity, 24 Direction, E
Time began, 8:05 am
Reduced barometer, 29.99 7 a. m. 30.05 7 p. m.
River gage, 8.0 feet
Relative humidity, 76 7 a. m. 64 7 p. m.

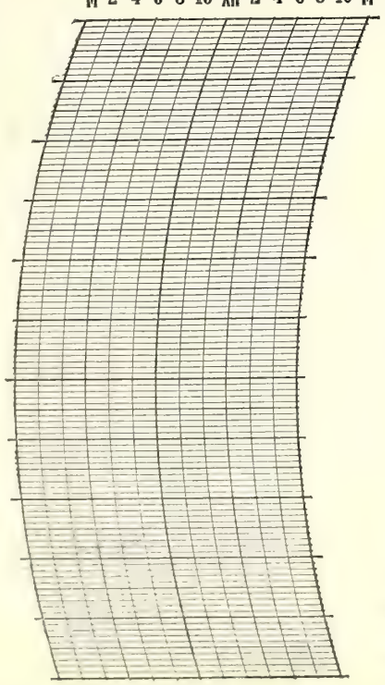
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.2 Wet temperature, 46.2
Dew-point, 41 R. humidity, 69 V. pressure, .256
Clouds: Amount, 3; Kind, St cu; Direction, E
Velocity of clouds (miles per hour)

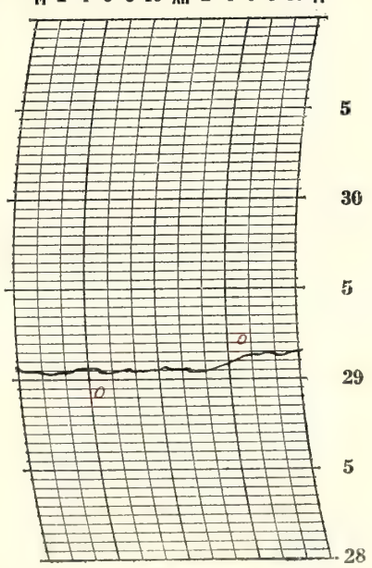
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.E.P.

Verified by P. M. Smith

8—486

NOTES

Light rain occurred in the early morning. More or less clouds prevailed all day but the sunshine was recorded for a considerable time. The sky became mostly clear late at night. Pale moonlight.

The temperature was about normal.

Solar halo, 22° radius, observed 1:00 p.m. to about 5:00 p.m., brightly colored and circle complete at times. Parhelia at right and left of Sun 4:20 p.m. to 4:30 p.m.

Lunar halo, 22° radius, observed 7:00 p.m. to about 8:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 10 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	37	36	35	35	37	40	44	47	48	50	50	50	51	48	47	45	43	41	39	38	37	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear					Pt cldy	Cldy	Pt cldy					Clear						
Sunshine (in tenths of hours)						0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	NE	E	E	E	E	E
Wind movement	14	12	11	11	12	12	15	15	20	22	21	21	22	19	19	19	20	17	13	12	9	8	7	8

Sunrise: Time, 5:09 Character, Clear
Moonrise: 12:03p Cloudy
Sunset: Time, 6:15 Character, Clear
Moonset: 2:23a Clear?

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

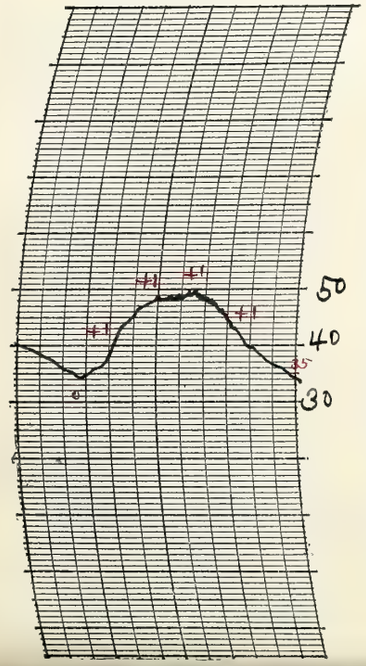
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	34	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.1 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 359
Average hourly velocity, 15.0 Extreme velocity, 29
Maximum velocity, 27 Direction, NE
Time began, 8:49 am
Reduced barometer, 30.15 7 a. m. 30.23 7 p. m.
River gage, 9.4 feet
Relative humidity, 49 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 38.0
Dew-point, 19 R. humidity, 28 V. pressure, 098
Clouds: Amount, 2; Kind, Ci Cu a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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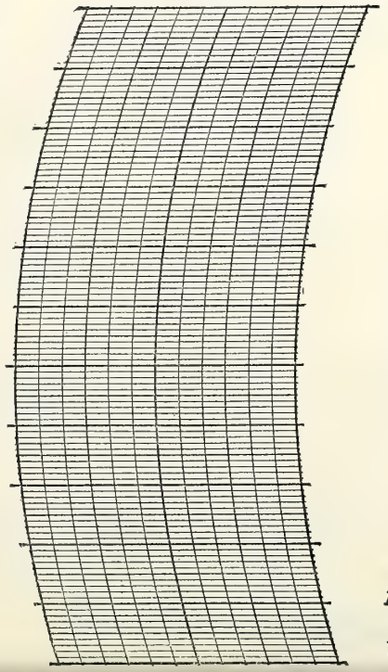
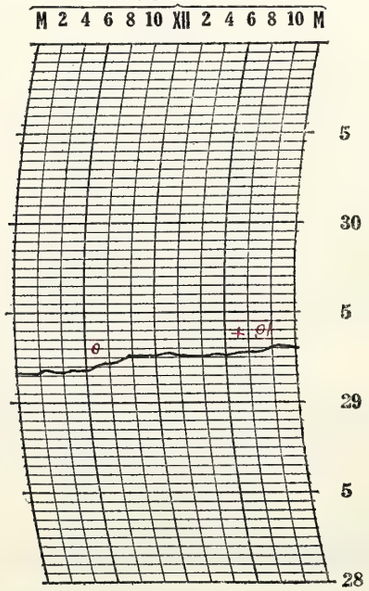


BAROGRAPH.



Prepared by O.E.K.

Verified by P. McDonough

NOTES

Upper clouds prevailed all day but were quite thin and did not interfere materially with the sunshine. Clear into the night with moonlight.

The weather was pleasant except that the strong westerly wind made it seem cool. The humidity was unusually low.

Solar halo, 22° radius, observed 12:50 p.m. to about 2:30 p.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 11 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	31	30	30	33	35	40	45	47	50	53	56	55	57	57	56	53	51	49	47	47	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<	Pt cloudy				x Clear x			Pt cloudy						x Clear		x Pt cloudy		
Sunshine (in tenths of hours)						0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0					
Wind direction	E	E	E	NE	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E
Wind movement	9	9	7	8	7	6	8	9	9	10	10	8	8	8	8	7	7	6	4	5	3	4	4	4

Sunrise: Time, 5:08 Character, Cloudy
Moonrise: 1:04p Cloudy
Sunset: Time, 6:16 Character, Cloudy
Moonset: 3:00a Clear

Maximum velocities (exceeding 2.0 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

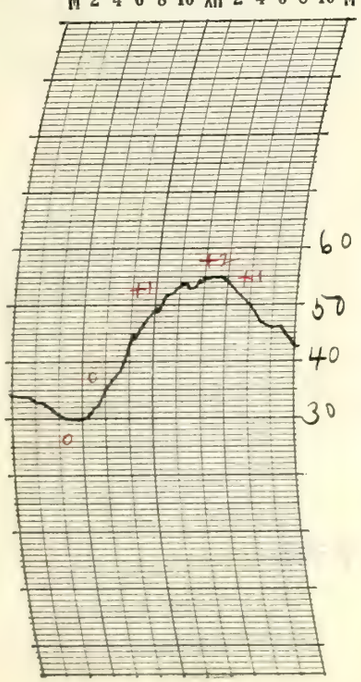
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	30	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.9 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 83
Prevailing wind direction, SE Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 9:54 am
Reduced barometer, 30.31 7 a. m. 30.12 7 p. m.
River gage, 8.3 fell
Relative humidity, 71 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 49.7 Wet temperature, 38.2
Dew-point, 21 R. humidity, 30 V. pressure, .108
Clouds: Amount, 4; Kind, Cist.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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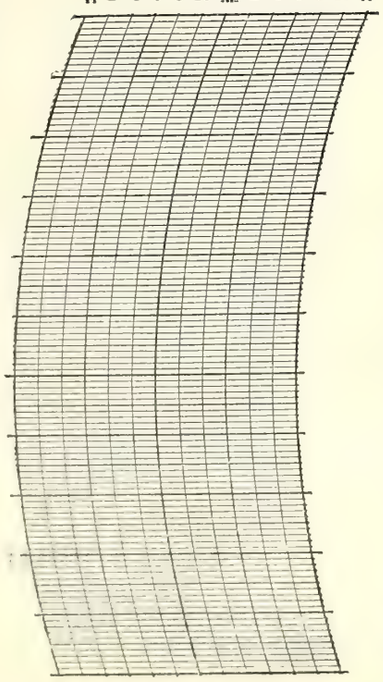
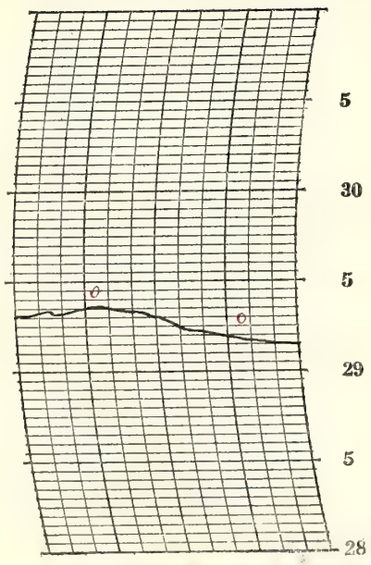


BAROGRAPH.



Prepared by O.E.T.

Verified by C. McDonough

8—486

NOTES

Killing frost in the am.
The day was partly cloudy although sunshine was recorded through the thin upper clouds during a considerable part of the time. The sky was clear for a while in the evening with bright moonlight. It became partly cloudy – alto-cumulus clouds – about 10:10 p. m.
The temperature averaged a few degrees below normal.

Solar halo, 22° radius, observed 10:40 am to about 5:00 p. m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	40	39	38	41	44	51	57	59	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				<	—	Cloudy				×	Pt	Cloudy
Sunshine (in tenths of hours)						0	0.1	0.3	1.0	1.0	1.0	1.0
Wind direction	NE	NE	E	E	E	E	E	E	SE	S	W	W
Wind movement	3	3	3	2	3	4	3	3	2	3	5	5

Sunrise: Time, 5:06 Character, Cloudy
Moonrise: 2:05p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	67	67	66	66	64	61	58	52	52	51	48
State of weather: Nature of precipitation and time of beginning and ending											RB 10:40	
Amounts of precipitation											T	.01
Cloudiness and other conditions	Cloudy			×		Cloudy						>
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	NW	NW	NW	N	N	N	N	NE	NE	E	E	E
Wind movement	6	5	4	4	6	6	8	12	15	14	13	14

Sunset: Time, 6:17 Character, Cloudy
Moonset: 3:32a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

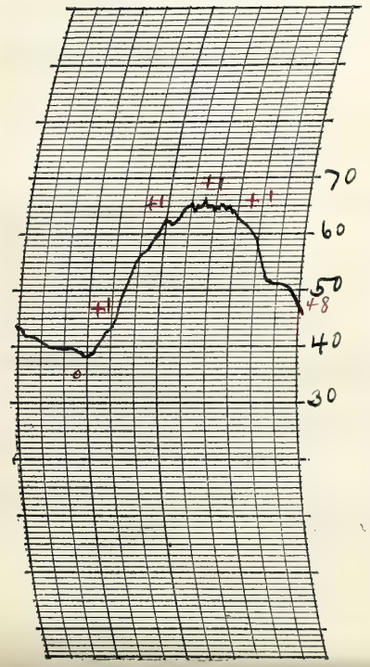
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	38	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.2 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 70
Prevailing wind direction, E Total wind, 146
Average hourly velocity, 6.1 Extreme velocity, 20
Maximum velocity, 18 Direction, NE
Time began, 9:05 p.m.
Reduced barometer, 30.08 7 a. m. 29.98 7 p. m.
River gage, 6.4 feet
Relative humidity, 69 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.8 Wet temperature, 49.2
Dew-point, 35 R. humidity, 35 V. pressure, 1.203
Clouds: Amount, Few; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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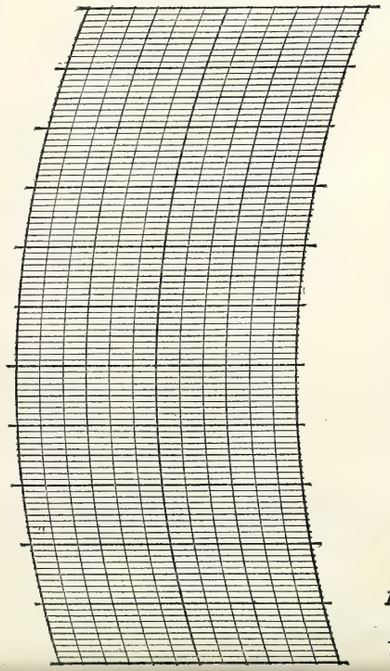
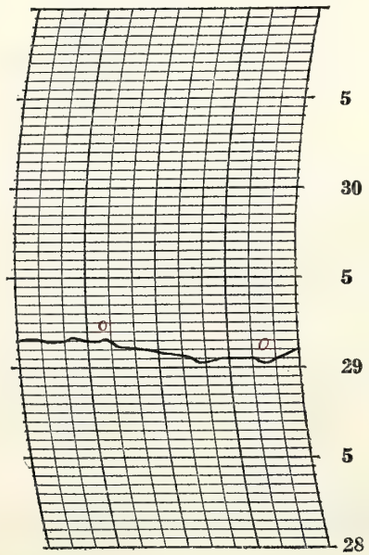


BAROGRAPH.



Prepared by O.L.R.

Verified by P. McDonough

8—486

NOTES

There was considerable cloudiness at times but the sun shine was recorded through the clouds for several hours. The moon was visible for a while in the early evening but did not cast a shadow. Rain began late at night.

The temperature rose rapidly from early morning. The weather was quite pleasant.

Solar halo, 22° radius, observed 9:55 am to 11:15 am and for a while about 2:30 p.m.

Lunar halo, 22° radius, observed 8:25 p.m. to 9:00 p.m. Lunar corona observed about 9:00 p.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	41	40	40	39	38	39	38	38	39 RE 10:30	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.05	.08	.07	.08	.06	.04	.06	.04	.01	T	.01	
Cloudiness and other conditions				<		—	Cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.7
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE
Wind movement	14	17	20	20	21	21	16	16	16	18	21	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	47	47	48	46	44	43	42	40	39	38	37
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X Pt Cldy	X	Clear	X	Pt cloudy	X	Pt Cldy	X		Pt Cldy		T
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	NE	NE	NE	NE	E	NE	E	E	E	E	E	NE
Wind movement	22	22	17	16	16	13	12	10	12	15	13	11

Sunrise: Time, 5:05 Character, Cloudy

Moonrise: 3:04p Cloudy

Sunset: Time, 6:18 Character, Cloudy

Moonset: 8:59a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .44 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .50 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 5.2 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 39

Prevailing wind direction, NE Total wind, 401

Average hourly velocity, 16.7 Extreme velocity, 31

Maximum velocity, 29 Direction, NE

Time began, 12:38 p.m.

Reduced barometer, 30.08 7 a. m. 30.26 7 p. m.

River gage, 6.0 fall

Relative humidity, 96 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

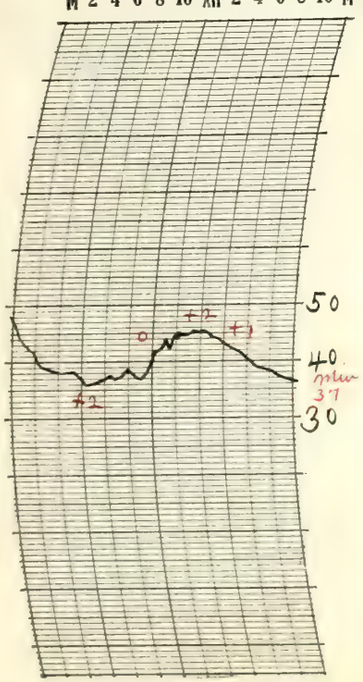
Dry temperature, 41.8 Wet temperature, 37.6

Dew-point, 32 R. humidity, 68 V. pressure, 180

Clouds: Amount, 5 Kind, St cu Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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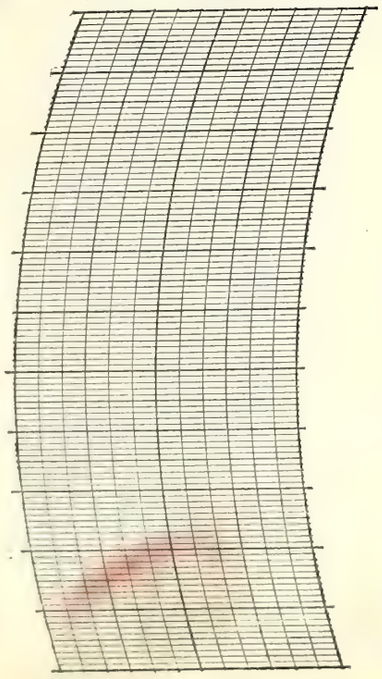
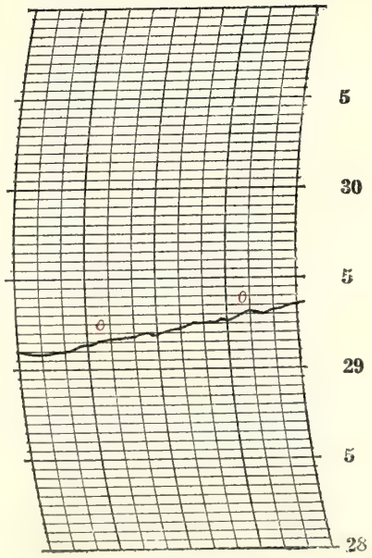


BAROGRAPH.



Prepared by O. Ev

Verified by P. McDonough

8—480

NOTES

Hourly velocity interpolated.

Steady rain continued most of the a.m. The sky was partly cloudy to clear in the afternoon and cloudy to partly cloudy at night. Dim moonlight through the thin upper clouds. The weather was rather cool.

Solar halo, 22° radius, observed 4:15 p.m. to 4:45 p.m.

Lunar halo, 22° radius, observed 8:05 p.m. and still visible at 11:15 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	35	34	34	34	35	36	38	39	41	45	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				<			Cloudy			×		
Sunshine (in tenths of hours)						0	0	0	0.4	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	E	NE	E	E	E	E	E	E
Wind movement	14	14	12	12	11	14	16	18	20	20	21	20

Sunrise: Time, 5:03 Character, Cloudy
Moonrise: 4:03 p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	52	54	53	53	50	47	46	45	44	43	42
State of weather: Nature of precipitation and time of beginning and ending											RB 10:45	RE DN
Amounts of precipitation											T	T
Cloudiness and other conditions				Pt Cloudy					×	Cloudy		>
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0.3	0	0					
Wind direction	E	E	E	E	NE	NE	NE	E	E	E	E	E
Wind movement	20	20	19	17	18	18	15	17	13	15	16	16

Sunset: Time, 6:19 Character, Cloudy
Moonset: 4:24 a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	33	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.1 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 53
Prevailing wind direction, E Total wind, 396
Average hourly velocity, 16.5 Extreme velocity, 31
Maximum velocity, 28 Direction, E
Time began, 10:23 am
Reduced barometer, 30.387 a. m. 30.35 7 p. m.
River gage, 7.0 feet
Relative humidity, 73 7 a. m. 45 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

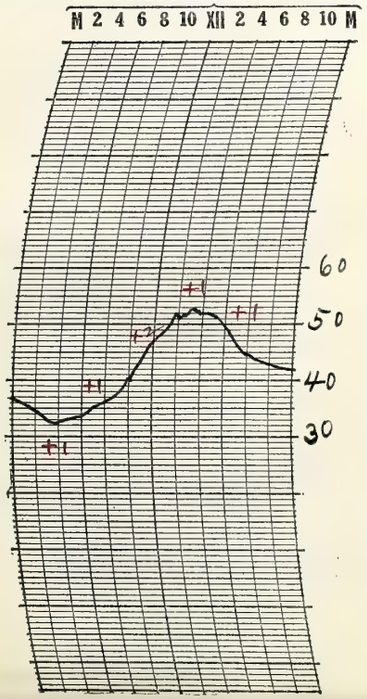
Time (local standard) 90 mer. normal time. Sunshine (in tenths of hours) 1 Wind direction 1 Wind movement 1

Maximum velocities (exceeding 29 miles) direction and time

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 48.9 Wet temperature, 40.1
Dew-point, 28 R. humidity, 44 V. pressure, .150
Clouds: Amount, 4 3; Kind, a cu a cu; Direction, N SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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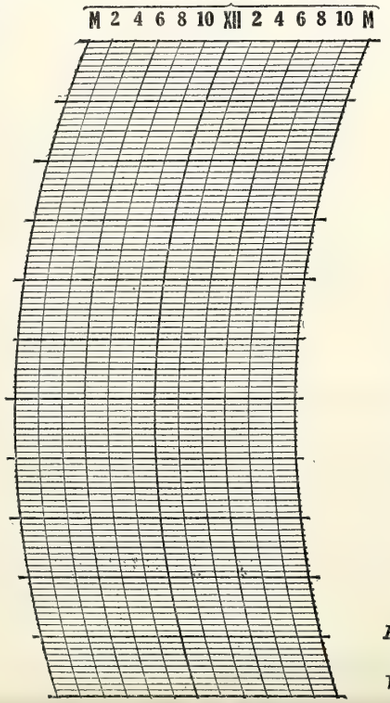
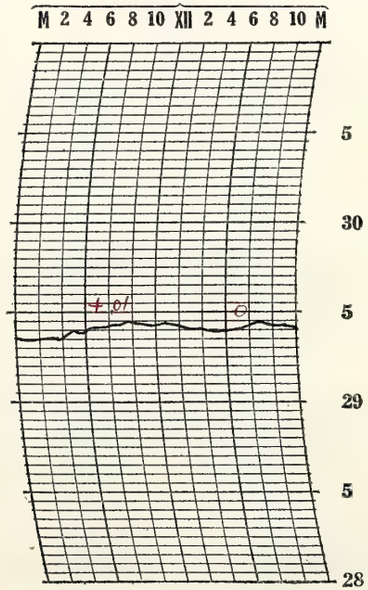


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was mostly cloudy in the morning, partly cloudy during the middle of the day and until about 8:00 p.m. and then cloudy again into the night. A light shower fell late at night.

The temperature averaged below normal.

Solar halo, 22° radius, observed 11:30 a.m. to 12:45 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 15 1927, 192

Time (local standard) 90 mer. normal time.

A. M.	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	41	41	42	43	45	46	47	51
Nature of precipitation and time of beginning and ending						RB 5:55					RE 10:10	
Amounts of precipitation						T	T	.01	.01	.01	T	
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0.9
Wind direction	E	E	E	E	E	E	E	E	E	SE	E	E
Wind movement	12	11	14	12	10	9	12	10	9	7	7	8

P. M.	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	58	61	64	65	64	60	57	56	55	54	53
Nature of precipitation and time of beginning and ending							RB 6:40	RE 7:30				
Amounts of precipitation							.19	.05				
Cloudiness and other conditions			Pt Cloudy				Cloudy					
Sunshine (in tenths of hours)	0.8	1.0	1.0	1.0	0.8	0	0					
Wind direction	SE	E	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	8	8	7	6	6	5	6	8	10	7	8	7

Sunrise: Time, 5:02 Character, Cloudy

Moonrise: 5:01p Cloudy

Sunset: Time, 6:20 Character, Cloudy

Moonset: 4:47a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	41	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, .27 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.7 Possible sunshine, hours, 13.3

Per cent of possible sunshine, 43

Prevailing wind direction, E Total wind, 207

Average hourly velocity, 8.6 Extreme velocity, 18

Maximum velocity, 18 Direction, E

Time began, 2:21 am

Reduced barometer, 30.31 7 a. m. 30.15 7 p. m.

River gage, 6.2 feet

Relative humidity, 77 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

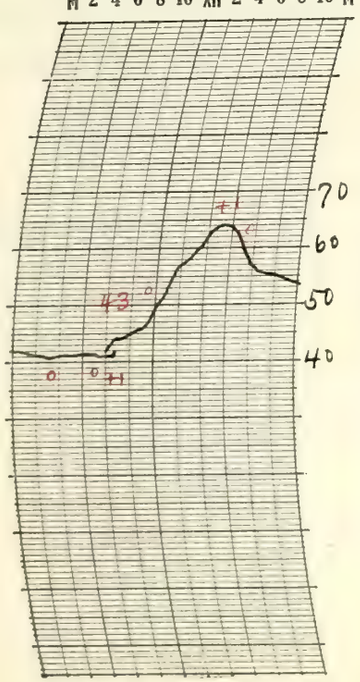
Dry temperature, 51.1 Wet temperature, 47.1

Dew-point, 43 R. humidity, 75 V. pressure, .277

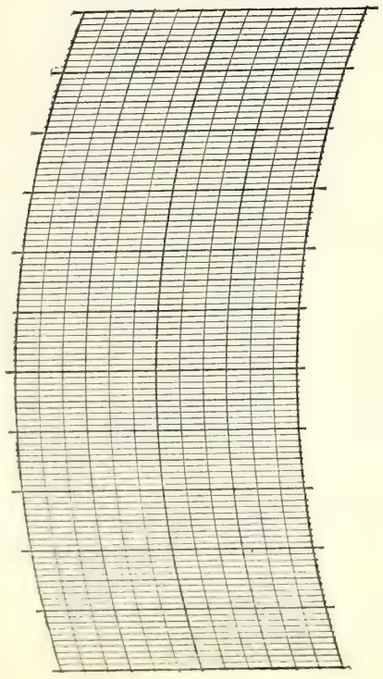
Clouds: Amount, 5 ; Kind, St ; Direction, SW

Velocity of clouds (miles per hour)

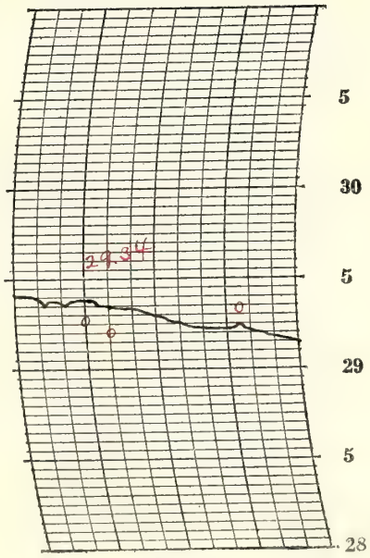
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. R.

Verified by C. M. McDonough

8—450

NOTES

A light rain occurred during the forenoon. It was partly cloudy during the afternoon. A thunderstorm began at 6:35 p.m and ended 7:30 p.m. It rained hard for a short while during the thunderstorm. Moderate temperatures.

Solar halo, 22° radius, observed 12:50 p.m. to 3:10 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 16 1927, 192

Time (local standard) ~~90~~ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	54	60	60	61	60	59	59	58	56	57	57	57	60	63	64	63	62	60	59	57	57	56
State of weather: Nature of precipitation and time of beginning and ending					RB DK								RE 1.00											
Amounts of precipitation					T	.01	.03	T	.01	.15	.10	.01	.03											
Cloudiness and other conditions						Cloudy									Cloudy				Clear					

Sunrise: Time, 5:10 Character, Cloudy
Moonrise: 6:00p Clear
Sunset: Time, 6:21 Character, Clear
Moonset: 5:10a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0.4	0.8	1.0	1.0	0.2 0.8	.35 0					
Wind direction	E	E	SE	SE	SE	SE	S	S	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	6	6	10	9	9	12	11	7	10	12	16	22	14	14	18	15	8	9	9	11	7	8	8

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15. min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

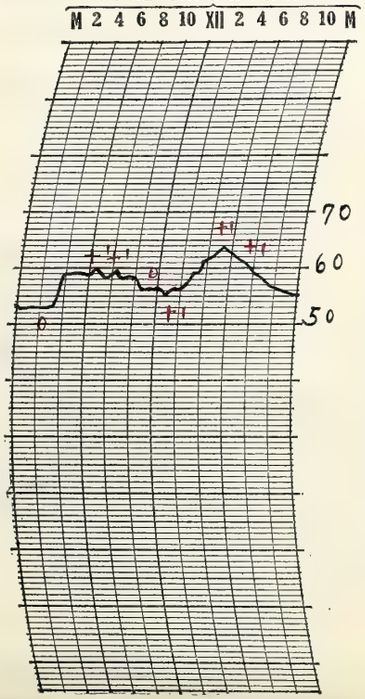
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	53	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.0 inches.
Precipitation to 7 a. m., .27 ins.; to 7 p. m., 3.1 ins.
Total precipitation, midnight to midnight, 3.4 inches.
Character of day, Cloudy Moon phase, Full - 9:35p
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.6 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 34
Prevailing wind direction, SW Total wind, 257
Average hourly velocity, 10.7 Extreme velocity, 32
Maximum velocity, 29 Direction, SW
Time began, 12:10 p.m.
Reduced barometer, 29.94 7 a. m. 29.96 7 p. m.
River gage, 5.5 feet
Relative humidity, 86 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.4 Wet temperature, 56.2
Dew-point, 55 R. humidity, 93 V. pressure, .432
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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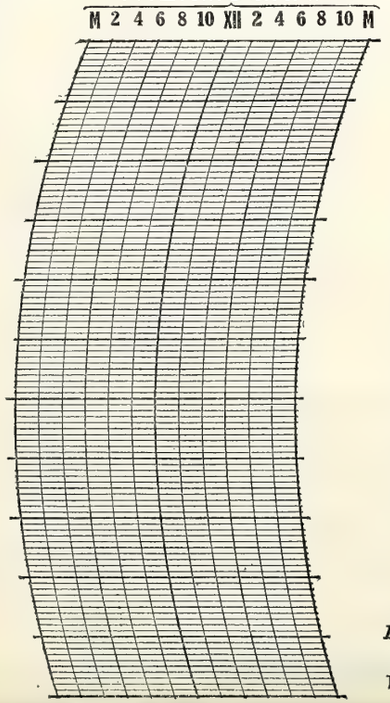
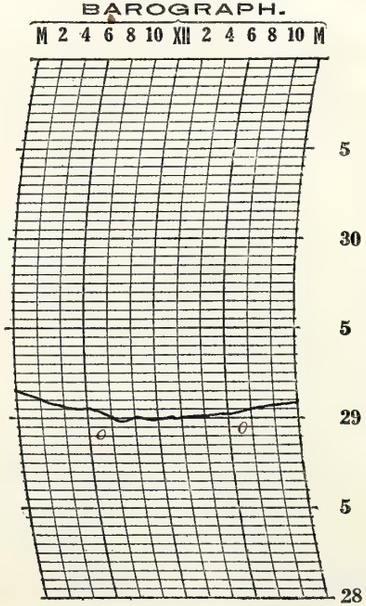


BAROGRAPH.



Prepared by O.A.R.
Verified by P. McDonough

8—486

NOTES

Rain occurred during the forenoon with clearing in the late afternoon. Clear into the night. Bright moonlight, moderate temperatures.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 17 1927, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	53	53	54	56	60	65	68	71	73	75	76	77	77	75	72	70	67	66	65	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<						Clear									X	Pt cloudy			
Sunshine (in tenths of hours)					.03 0	.06 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	9	8	8	9	10	13	12	11	13	16	16	17	17	19	17	15	12	10	10	10	11	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:58 Character, Clear
Moonrise: 6:59p Cloudy
Sunset: Time, 6:23 Character, Cloudy
Moonset: 5:34a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

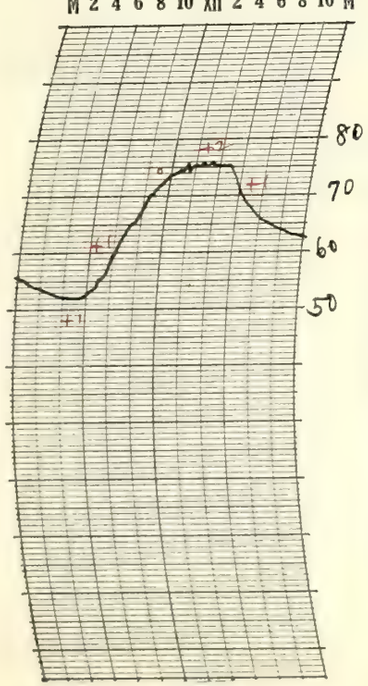
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.8 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 96
Prevailing wind direction, SW Total wind, 294
Average hourly velocity 12.2 Extreme velocity, 24
Maximum velocity, 23 Direction, SW
Time began, 2:35 p.m.
Reduced barometer, 30.06 7 a. m. 30.027 p. m.
River gage, 7.3 feet
Relative humidity, 93 7 a. m. 68 7 p. m.

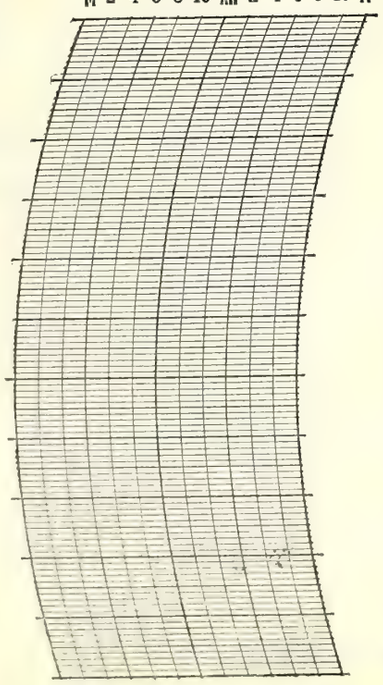
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 66.5
Dew-point, 63 R. humidity, 71 V. pressure, 575
Clouds: Amount, 2; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

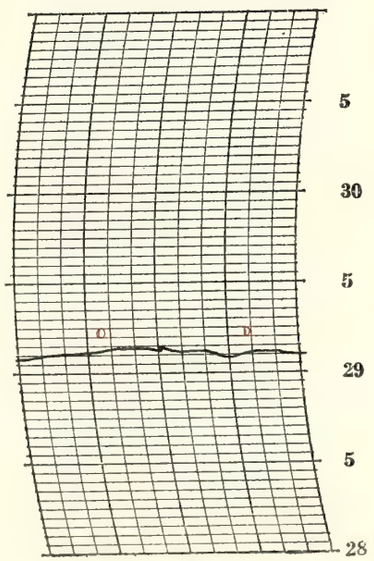
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.W.
Verified by P. McDonough

8—486

NOTES

Dew deposit in am
Easter Sunday.
The sky was mostly clear during the day and the weather was warm and pleasant. Partly cloudy into the night. Dim moonlight through the clouds.

Solar halo, 22° radius, observed 1:15 p.m. to about 1:40 p.m.
Lunar halo, 22° radius, observed 8:30 p.m. and later.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	62	61	63	66	70	69	69	68	64
State of weather: Nature of precipitation and time of beginning and ending										✓	RB 10:45	- - -
Amounts of precipitation											T	27
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)					0	0	0.5	1.0	0.4	0.4	0	0
Wind direction	S	S	S	S	S	S	S	S	S	SE	SE	SE
Wind movement	10	9	7	7	5	5	9	9	7	10	10	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	62	61	64	66	66	65	65	64	62	62	63
State of weather: Nature of precipitation and time of beginning and ending	- - -	- - -	- - -	RE 3:50		RB 5:50	RE 6:05					RB & E DN
Amounts of precipitation	41	.13	T	.01		T	T					T
Cloudiness and other conditions									Cldy	Cldy		Cldy
Sunshine (in tenths of hours)	0	0	0	0	0.7	0	0					
Wind direction	SE	SE	SE	SE	S	S	S	S	S	S	S	S
Wind movement	11	12	11	12	11	11	11	11	9	9	6	5

Sunrise: Time, 4:57 Character, Cloudy
Moonrise: 8:01p Cloudy
Sunset: Time, 6:23 Character, Cloudy
Moonset: 6:00a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

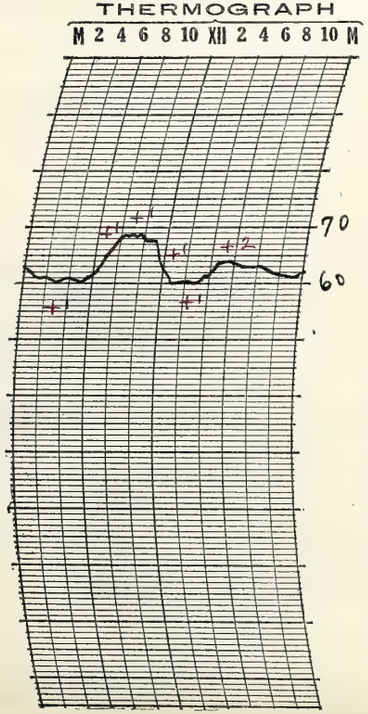
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	61	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .82 ins.
Total precipitation, midnight to midnight, .82 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours 3.0 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 22
Prevailing wind direction, S Total wind, 214
Average hourly velocity 8.9 Extreme velocity, 16
Maximum velocity, 16 Direction, SE
Time began, 12:47 p.m.
Reduced barometer, 30.01 7 a. m. 29.95 7 p. m.
River gage, 6.8 freez.
Relative humidity, 84 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.5 Wet temperature, 63.0
Dew-point, 62 R. humidity, 97 V. pressure, .5553
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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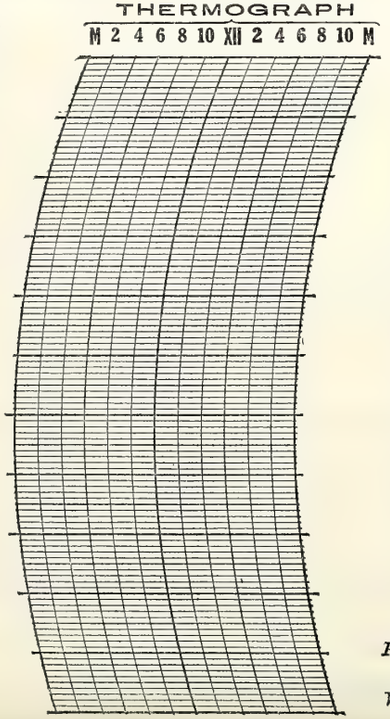
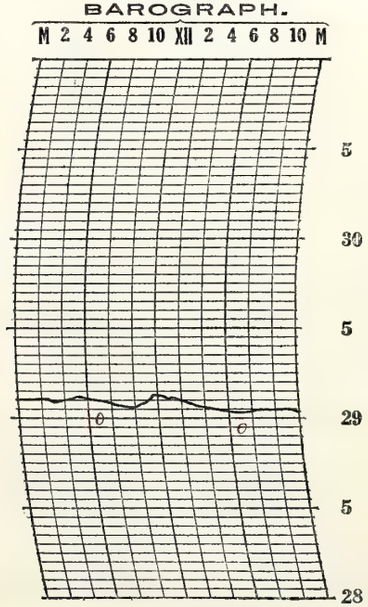


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—486

NOTES

A thunderstorm began at 10:20 am and ended 3:50 p.m. It was accompanied by a moderate rainfall. The moon shone through the clouds for a while at night. A light sprinkle of rain occurred late at night.

Moderate temperatures.

Lunar corona observed 8:30 p.m. and at intervals afterwards.

Pear trees in blossom

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 19 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	61	61	64	66	71	71	71	73	74	76	77	77	78	79	77	67	61	62	61	60	59
																			PB 6:30	RE 7:15				
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			1.2	T				
Cloudiness and other conditions							Clear	Cldy					Pt cldy				Clear			Cloudy				
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	0.9	0.5	1.0	1.0	1.0	1.0	1.0	0.4	1.0	0.3	0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	SW	SW	SW	SW	W	W
Wind movement	5	4	4	6	9	9	11	15	19	21	13	12	17	20	20	17	21	22	20	17	14	11	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:56; Character, Cloudy
Moonrise: 9:03p; Cloudy
Sunset: Time, 6:24; Character, Cloudy
Moonset: 6:28a; Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

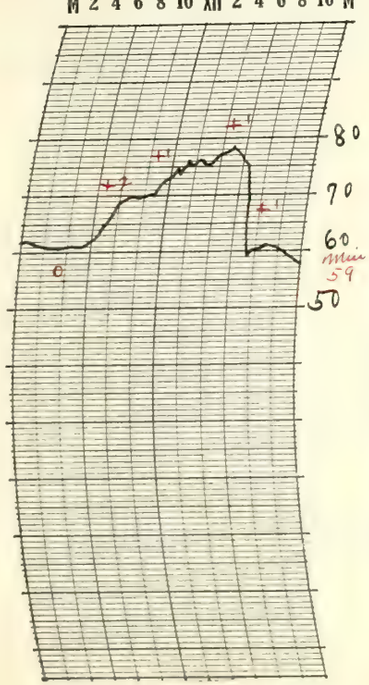
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	59	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.2 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 76
Prevailing wind direction, S Total wind, 326
Average hourly velocity, 13.5 Extreme velocity, 34
Maximum velocity, 28 Direction, SW
Time began, 9:32 am
Reduced barometer, 29.93 7 a. m. 29.88 7 p. m.
River gage, 12.8 feet
Relative humidity, 92 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.2 Wet temperature, 65.2
Dew-point, 60 R. humidity, 62 V. pressure, .517
Clouds: Amount, 3; Kind, Cu Sc a cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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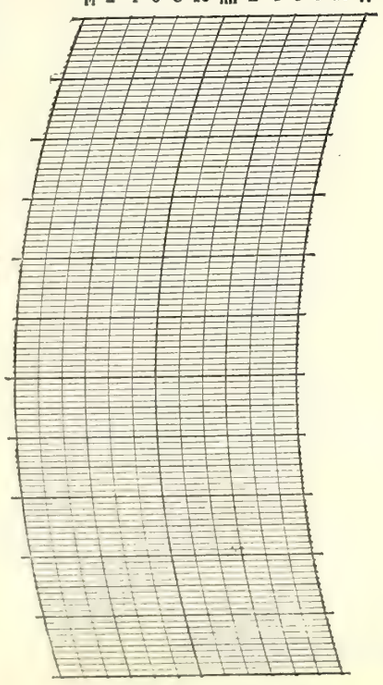
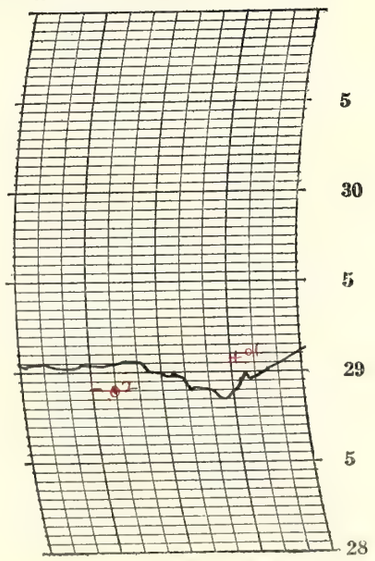


BAROGRAPH.



Prepared by O. A. R.

Verified by P. M. McDonough

8—486

NOTES

The day was partly cloudy and rather warm. A thunderstorm occurred from 6:15 p.m. to 7:15 p.m. The temperature fell rapidly during the thunderstorm. The sky continued mostly cloudy into the night. The wind became strong at times.

Solar halo, 22° radius, observed 10:25 am to 11:45 am.

Peach trees in blossom

Advisory flood warning issued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 20 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	54	51	47	45	46	46	50	50	52	53	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)					10 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	NW	NW	NW	N	N	N	NE	NE	NE	NE	NE
Wind movement	10	16	15	14	11	8	10	14	17	17	17	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	58	58	59	57	55	53	51	50	48	47	46
State of weather: Nature of precipitation and time of beginning and ending									RB 8:50	RE 9:10		
Amounts of precipitation									T	T		
Cloudiness and other conditions					Pt cloudy				Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	14	13	15	15	14	14	14	14	13	14	18	16

Sunrise: Time, 4:54; Character, Clear. Moonrise: 10:04p; Cloudy.

Sunset: Time, 6:26; Character, Cloudy. Moonset: 7:01a; Clear.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

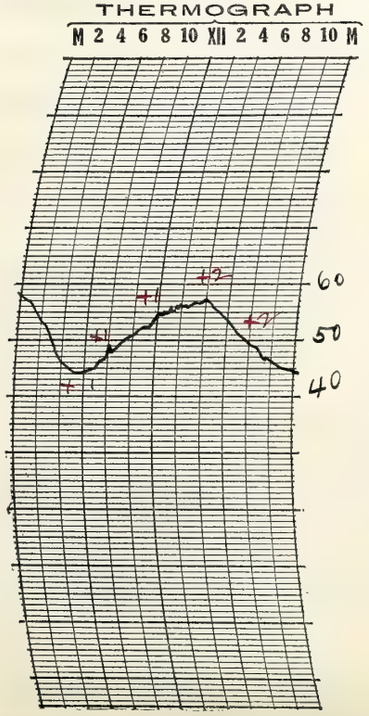
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	45	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.2 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 90
Prevailing wind direction, E Total wind, 337
Average hourly velocity, 14.0 Extreme velocity, 25
Maximum velocity, 23 Direction, NE
Time began, 10:13 am
Reduced barometer, 30.267 a. m. 30.157 p. m.
River gage, 13.7 fall
Relative humidity, 84 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 55.5 Wet temperature, 48.8
Dew-point, 43 R. humidity, 62 V. pressure, .277
Clouds: Amount, 4; Kind, a st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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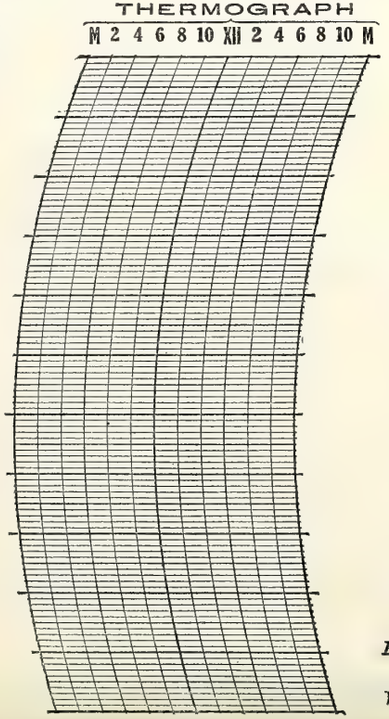
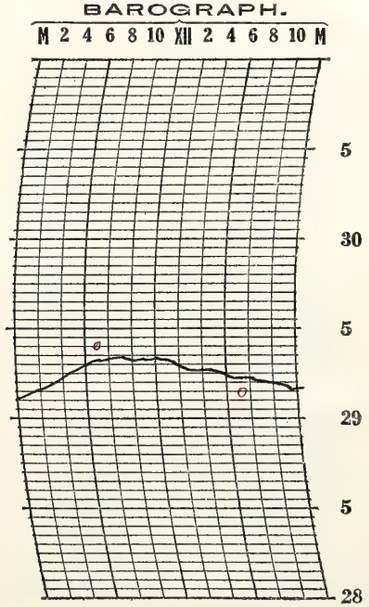


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

"Warning" added to am. telegraphic report.

The sky was mostly clear during the forenoon, partly cloudy in the afternoon and cloudy into the night with a light shower around 9:00 p.m.

The weather was some cooler than on the past few days but the temperature averaged about normal.

Frost warning issued.

Solar halo, 22° radius observed, 9:20 am till after 4:00 p.m. Circle complete at times.

Cherry, apple and plum trees in bloom.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 21 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	45	44	44	44	45	45	47	46	43
State of weather: Nature of precipitation and time of beginning and ending								RB 7:40				
Amounts of precipitation								T	.01	.01	T	.02
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	E	NE	E	E	E	E	E	SE	NW	W
Wind movement	15	14	13	13	14	10	10	10	6	4	9	15

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	40	41	40	40	39	38	37	35	34
State of weather: Nature of precipitation and time of beginning and ending			RE 2:30									SNB 11:40
Amounts of precipitation	.02	.01	T									T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0.2	0	0					
Wind direction	W	W	W	NW	NW	NW	W	W	W	W	NW	NW
Wind movement	17	19	20	20	22	17	15	18	16	16	17	13

Sunrise: Time, 4:53 Character, Cloudy

Moonrise: 11:05p Cloudy

Sunset: Time, 6:27 Character, Cloudy

Moonset: 7:39a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	34	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m. .07 ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.2 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 1

Prevailing wind direction, E-W Total wind, 343

Average hourly velocity, 14.3 Extreme velocity, 26

Maximum velocity, 26 Direction, NW

Time began, 4:52 p.m.

Reduced barometer, 29.92 7 a. m. 30.107 p. m.

River gage, 11.8 feet

Relative humidity, 85 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

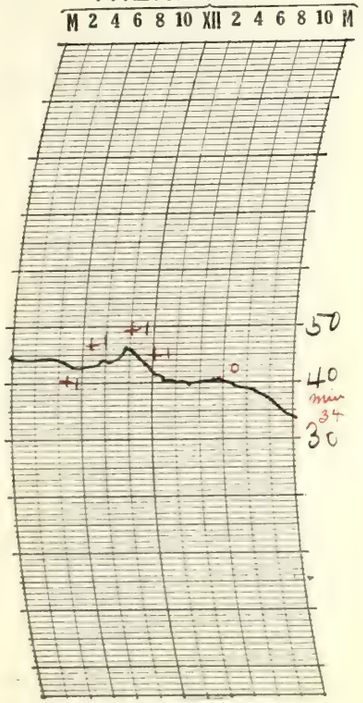
Dry temperature, 43.4 Wet temperature, 42.9

Dew-point, 42 R. humidity, 96 V. pressure, 26 6

Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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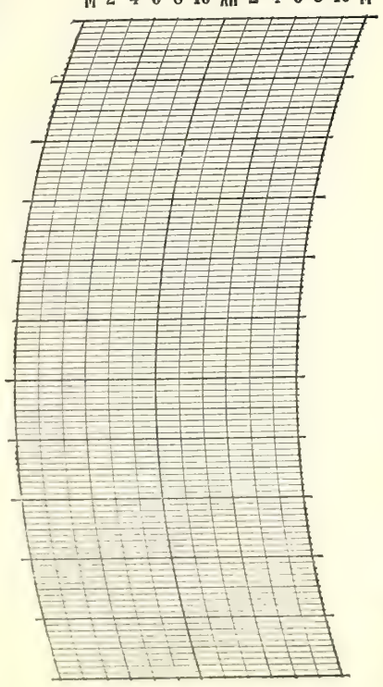
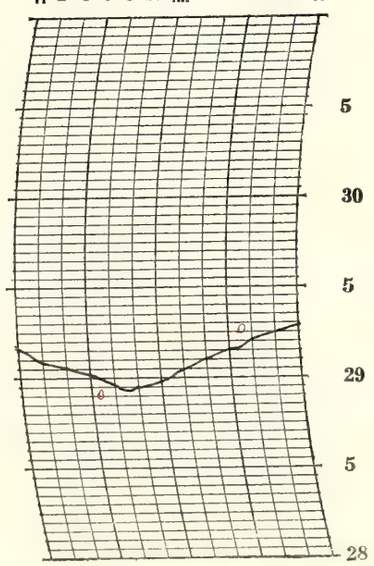


BAROGRAPH.



Prepared by E.E.K.

Verified by C. McDonough

8—486

NOTES

Light rain occurred during the day. The sky continued mostly cloudy into the night. A light snow occurred late at night.

The weather was cool for the season.

Strong westerly winds in the p. m.

Frost warning issued

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 22 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	33	32	32	31	33	35	35	37	40	40	41	39	34	35	37	37	37	34	35	34	33	31
State of weather: Nature of precipitation and time of beginning and ending			SmE DR											SmB 1:00		SmE 3:30			SmB 6:35		SmE 830			
Amounts of precipitation	T	T	T											T	T	T			T	T	T			
Cloudiness and other conditions					?		Clear			X			Pt Cloudy					X	Cloudy			X	Pt Cldy	

Sunrise: Time, 4:51 Character, Clear
Moonrise: — —
Sunset: Time, 6:28 Character, Cloudy
Moonset: 8:25a Cloudy

Sunshine (in tenths of hours)					.15 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.5	0.4	0.9	0.2	0	0					
Wind direction	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW	W	W	NW	NW	NW	N	N	N	NE	N	N	N	NW
Wind movement	12	14	14	12	10	8	12	12	15	13	14	14	14	13	11	12	6	5	6	6	6	8	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

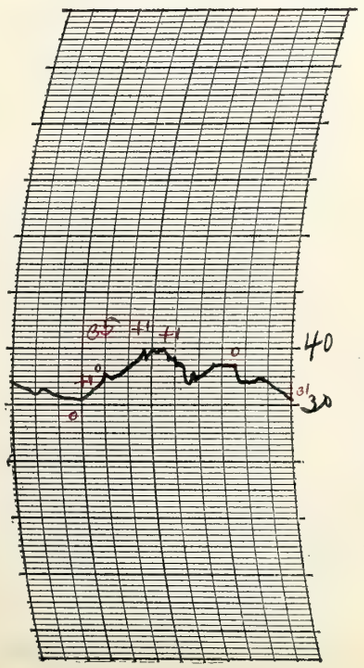
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	31	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.0 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 74
Prevailing wind direction, NW Total wind, 250
Average hourly velocity, 10.4 Extreme velocity, 21
Maximum velocity, 19 Direction, W
Time began, 11:42 am
Reduced barometer, 30.34 7 a. m. 30.35 7 p. m.
River gage, 9.0 fell
Relative humidity, 74 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.8 Wet temperature, 34.3
Dew-point, 27 R. humidity, 57 V. pressure, .143
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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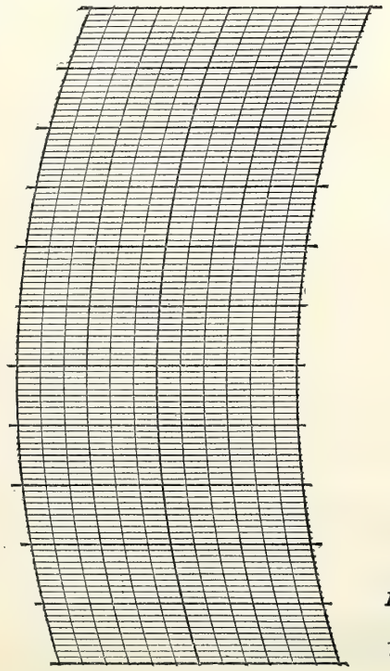
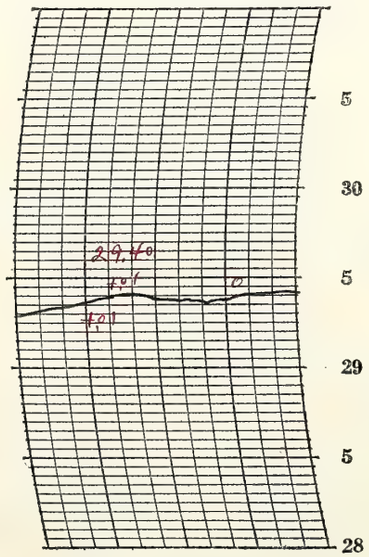


BAROGRAPH.



Prepared by O.H.K.

Verified by P. McDonough

8—486

NOTES

Killing frost in am

The day as a whole was partly cloudy with light snow flurries in the early morning and at times during the afternoon and at night. Practically all the snow melted as it fell. Late at night the clouds broke up somewhat and the brighter stars were visible.

Rather cool for the season.

Frost warning issued.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 23 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	29	28	29	31	33	35	37	38	39
Nature of precipitation and time of beginning and ending												SmB 11:25
Amounts of precipitation												T
Cloudiness and other conditions					Clear					×	Pt Cldy	×
Sunshine (in tenths of hours)					0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	0.9
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	NW	N	NW
Wind movement	6	8	7	7	6	6	9	10	11	10	9	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	37	36	35	37	38	35	35	34	32	31
Nature of precipitation and time of beginning and ending	SmE 12:30	SmB 1:19		SmE 3:20	SmB 400 SmE 4:40							
Amounts of precipitation	T	T	T	T	T							
Cloudiness and other conditions				Cloudy			×	Pt Cldy	×	Clear		
Sunshine (in tenths of hours)	1.0	0.6	0.5	0	0.1	0	0					
Wind direction	NW	NW	NW	SW	N	NW	N	SW	SW	W	NW	NW
Wind movement	8	12	14	8	5	4	2	5	5	5	7	5

Sunrise: Time, 4:50 Character, Clear

Moonrise: 12:02a Cloudy

Sunset: Time, 6:29 Character, Cloudy

Moonset: 9:19a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	28	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.3 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 68

Prevailing wind direction, NW Total wind, 178

Average hourly velocity, 7.4 Extreme velocity, 20

Maximum velocity, 18 Direction, NW

Time began, 2:30 p.m.

Reduced barometer, 30.427 a. m. 30.39 7 p. m.

River gage, 7.3 full

Relative humidity, 69 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

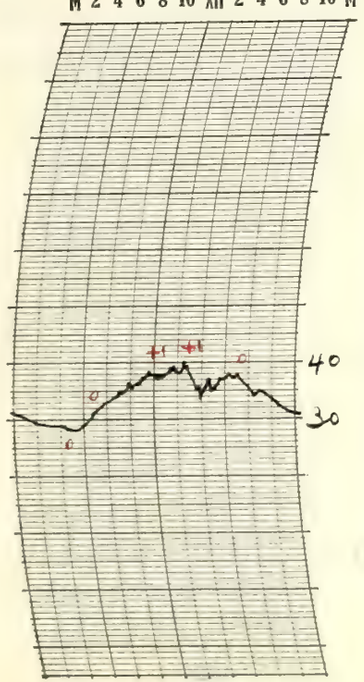
Dry temperature, 38.6 Wet temperature, 32.4

Dew-point, 23 R. humidity, 50 V. pressure, .118

Clouds: Amount, 6 3; Kind, Cu Cu Sc; Direction, NW NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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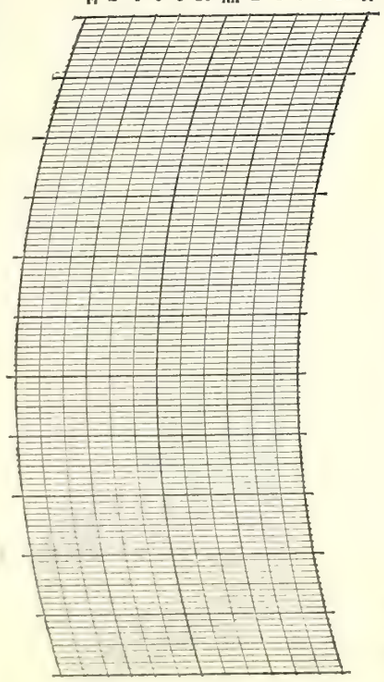
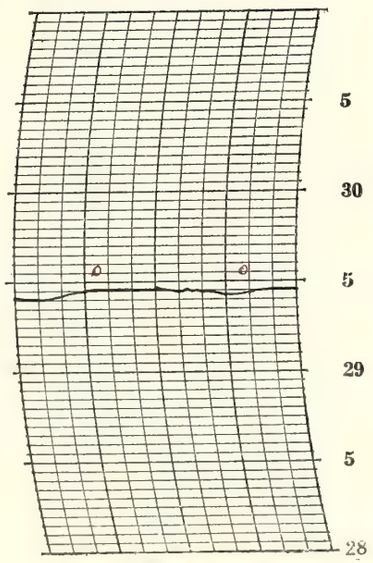


BAROGRAPH.



Prepared by [illegible]

Verified by P. McSmith

8—486

NOTES

Killing frost in early morning. Moonlight in early morning. The day was partly cloudy with several light snow flurries. The sky was cloudless late at night. Stars brilliant. The weather continued cool for the season.

Fruit warning issued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 24 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	29	28	33	36	39	43	44	44	45	46	47	47	45	39	41	40	39	38	39	39
State of weather: Nature of precipitation and time of beginning and ending														RB 1:05 RE 1:40			RB 4:50	RE 5:40						
Amounts of precipitation														T			T	T						
Cloudiness and other conditions					<			Pt Cloudy		X					Cloudy					X Clear	Pt Cloudy			

Sunrise: Time, 4:48 Character, Clear
Moonrise: 12:54a Clear
Sunset: Time, 6:30 Character, Cloudy
Moonset: 10:21a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					20 0	a7 0.3	0.9	0.5	1.0	1.0	1.0	0.8	1.0	0.5	0.6	0.2	0.1	0	0					
Wind direction	NW	W	W	NW	W	SW	SW	W	W	W	W	W	W	W	W	W	NW	NW	W	SW	SW	SW	W	W
Wind movement	5	5	4	5	3	5	7	9	12	14	16	15	13	13	14	16	15	9	6	8	10	7	6	6

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

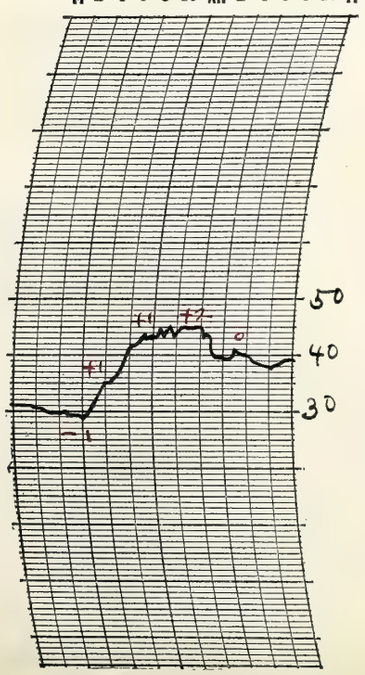
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	28	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Last Quarter 4:24 p
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.8 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 64
Prevailing wind direction, W Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 27 x
Maximum velocity, 25 x Direction, NW
Time began, 4:36 p.m.
Reduced barometer, 30.41 7 a. m. 30.24 7 p. m.
River gage, 6.0 feet
Relative humidity, 65 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.0 Wet temperature, 37.3
Dew-point, 28 R. humidity, 53 V. pressure, 1.150
Clouds: Amount, 9; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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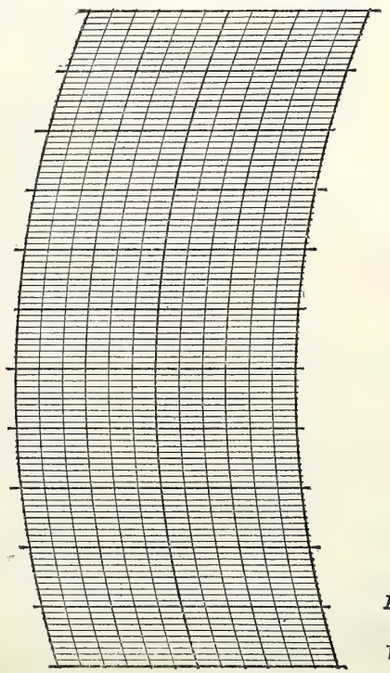
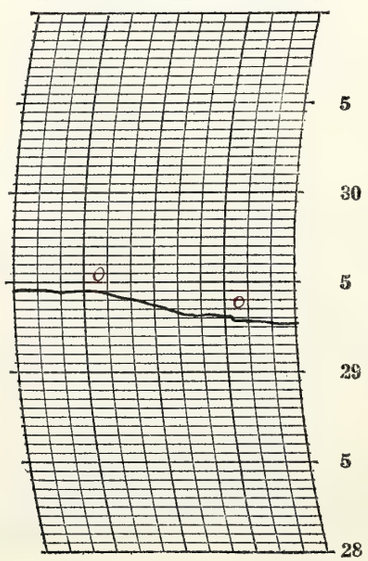


BAROGRAPH.



Prepared by O.G.R.
Verified by O. M. Donough

8—486

NOTES

Drilling first in am.
The sky was partly cloudy for a while in the forenoon but the day as a whole was cloudy. Light sprinkles of rain occurred in the afternoon. It was clear for a while in the evening with stars bright. Later at night it became partly cloudy.

The weather continued rather cool.

& Hourly velocity interpolated.
x For 24 hours

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 25 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	38	38	37	39	42	46	49	51	51
State of weather: Nature of precipitation and time of beginning and ending		RB 1:00 RE 2:N										
Amounts of precipitation		T										
Cloudiness and other conditions					Cloudy				Pt cldy		Cldy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	55	54	53	51	50	50	49	47	46	46
State of weather: Nature of precipitation and time of beginning and ending									RB 8:10			
Amounts of precipitation									T	.02	.05	.11
Cloudiness and other conditions	Cldy		Pt cloudy				Cloudy					

Sunrise: Time, 4:47 Character, Cloudy

Moonrise: 1:41a Cloudy

Sunset: Time, 6:31 Character, Cloudy

Moonset: 11:29a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0
Wind direction	NW	NE	NE	SE	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	2	4	4	5	6	10	10	11	12	14	13
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0	0					
Wind direction	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	14	20	18	19	17	17	12	10	10	15	18	18
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	37	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Pt cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.0 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 66

Prevailing wind direction, SW Total wind, 283

Average hourly velocity, 11.8 Extreme velocity, 24 x

Maximum velocity, 23 x Direction, S

Time began, 1:15 p.m.

Reduced barometer, 30.21 7 a. m. 29.97 7 p. m.

River gage, 5.3 fall

Relative humidity, 69 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

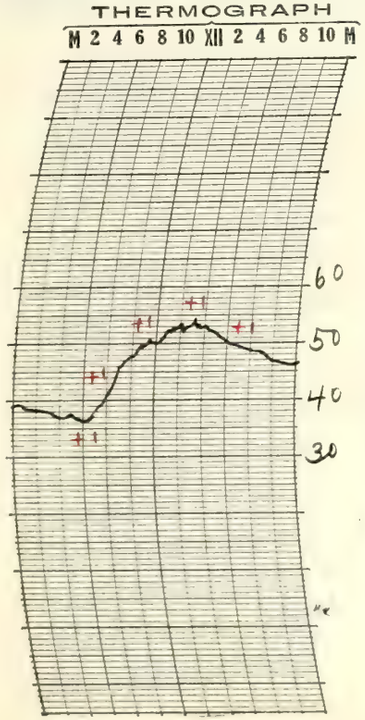
Dry temperature, 50.9 Wet temperature, 42.7

Dew-point, 33 R. humidity, 50 V. pressure, .187

Clouds: Amount, 4 3; Kind, Ac Cu 2 St; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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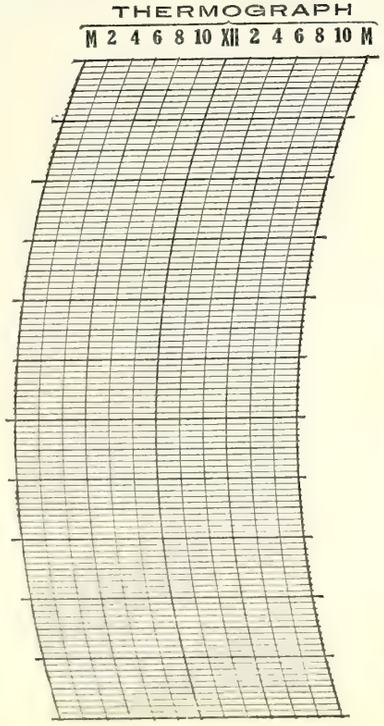
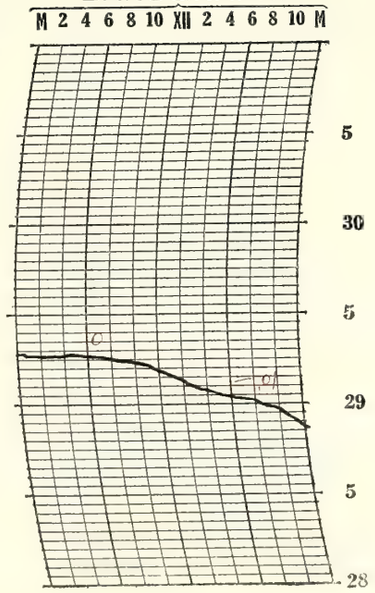


BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough

8—486

NOTES

Hourly velocity interpolated.

A light sprinkle of rain occurred in the early morning. The sky was cloudy to partly cloudy during the day with considerable sunshine recorded. Rain began at 8:10 p.m. and continued past midnight.

The temperature rose rapidly in the forenoon and did not fall much at night.

Solar halo, 22° radius, observed 10:45 am till about 4:30 p.m.

x For 17 min 40 min

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 26 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	50	47	51	51	52	53	54	56	60	61	60	60	61	62	59	52	49	50	49	50	49	49	49
Nature of precipitation and time of beginning and ending				RE PK													RB 4:05	RE 5:45		RB 7:45				
Amounts of precipitation	.02	.01	.13	.01													.01	.02		T	T	T	T	.15
Cloudiness and other conditions					Cloudy				Clear			Pt cldy			Cloudy				Pt cldy		Cloudy			

Sunrise: Time, 4:45 Character, Cloudy

Moonrise: 2:21a Cloudy

Sunset: Time, 6:32 Character, Cloudy

Moonset: 12:44p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	W	W	SW	E	SE	SE
Wind movement	18	22	19	19	18	13	13	13	14	18	25	22	19	18	15	14	15	7	4	3	3	2	6	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	46	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .35 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .35 inches.

Character of day Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 7.7 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 56

Prevailing wind direction, SW-W-NW Total wind, 326

Average hourly velocity, 13.6 Extreme velocity, 29

Maximum velocity, 28 Direction, W

Time began, 10:10 am

Reduced barometer, 29.687 a. m. 29.82 p. m.

River gage, 4.8 feet

Relative humidity, 88 a. m. 80 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

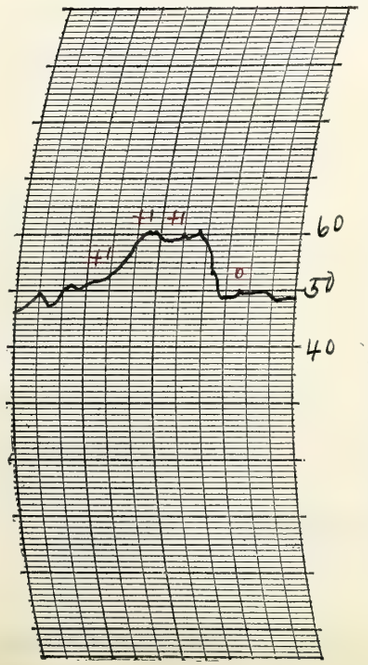
Dry temperature, 60.3 Wet temperature, 52.1

Dew-point, 45 R. humidity, 57 V. pressure, 29.87

Clouds: Amount, 3; Kind, Cu-Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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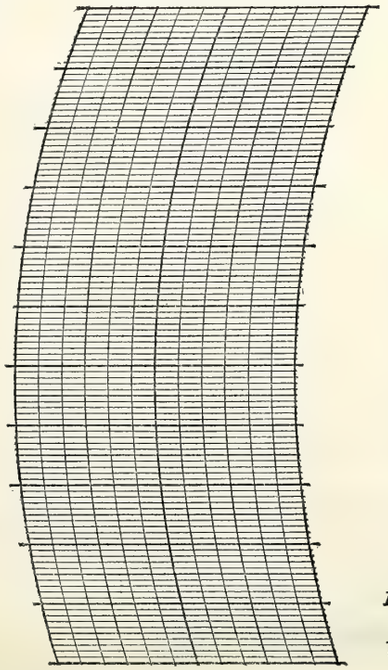
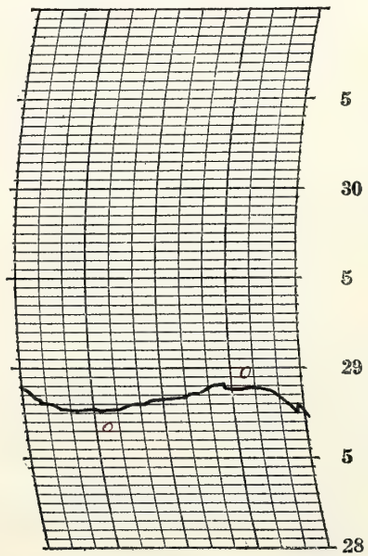


BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough

8—486

NOTES

Showers occurred during the early morning with a thunderstorm from 2:20 am to during night am. The cloudiness varied considerably during the day. Light showers occurred in the late afternoon and at night. A thunderstorm began 11:45 p. m and continued past midnight.

Moderate temperatures

Solar halo, 22° radius, observed 7:22 am. Parhelion at left of sun 7:30 am for a few minutes. The halo appeared at intervals till 2:50 p.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	47	47	47	51	48	46	50	52	56
State of weather: Nature of precipitation and time of beginning and ending			RE PN									
Amounts of precipitation	.03	T	.02									
Cloudiness and other conditions		<			Cloudy					X	Clear	X Pt cldy
Sunshine (in tenths of hours)					0	0	0.2	0.1	0.2	1.0	1.0	1.0
Wind direction	S	SE	E	E	SE	N	N	N	NE	NE	NE	N
Wind movement	8	6	5	6	2	3	5	10	14	11	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	58	58	59	57	55	53	50	48	46	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X	Clear	X Pt cldy	X	Clear	X Pt cldy	X			Clear		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	NW	N	N	N	N	N	N	N	N	N	N	N
Wind movement	11	13	11	11	11	7	7	8	10	7	6	6

Sunrise: Time, 4:44 Character, Cloudy

Moonrise: 2:57a Cloudy

Sunset: Time, 6:33 Character, Cloudy

Moonset: 1:53p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 9.1 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 66

Prevailing wind direction, N Total wind, 194

Average hourly velocity, 8.1 Extreme velocity, 19

Maximum velocity, 19 Direction, NE

Time began, 8:35 am

Reduced barometer, 29.58 7 a. m. 29.86 7 p. m.

River gage, 50 feet

Relative humidity, 94 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

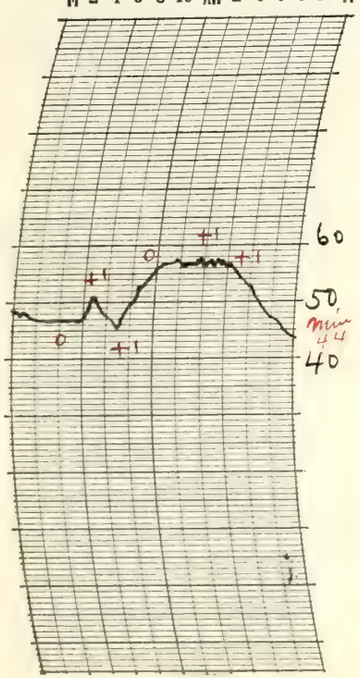
Dry temperature, 56.1 Wet temperature, 52.1

Dew-point, 49 R. humidity, 77 V. pressure, .347 in

Clouds: Amount, 3; Kind, St cu; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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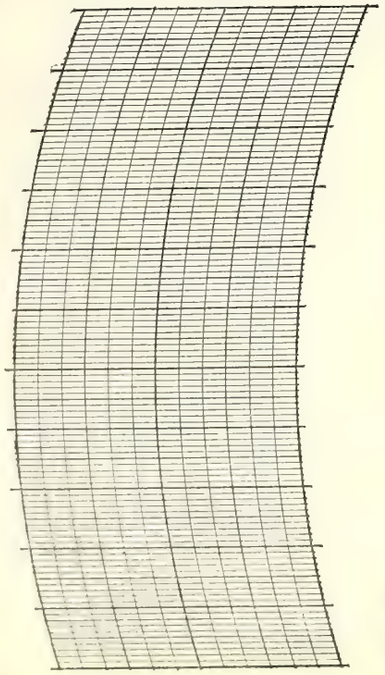
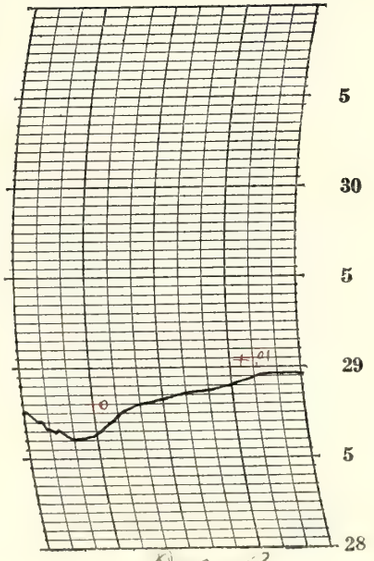


BAROGRAPH.



Prepared by O.A.P.

Verified by A. McGough

8—486

NOTES

A thunderstorm accompanied by showers continued from the previous date and ended during the night am. The cloudiness varied considerably from time to time and the day as a whole was partly cloudy. Clear into the night. Stars bright.

The temperature averaged normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 28 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	41	40	41	46	49	52	56	58	60	61	64	66	64	65	65	63	61	60	58	55	52
State of weather. Nature of precipitation and time of beginning and ending																						RB 9:10		
Amounts of precipitation																						T	.05	.02
Cloudiness and other conditions									Clear								Pt Cldy					Cloudy		

Sunrise: Time, 4:43 Character, Cloudy
Moonrise: 3:29a Clear
Sunset: Time, 6:34 Character, Cloudy
Moonset: 9:10p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0.3	0					
Wind direction	N	N	N	N	N	N	N	E	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SE	NE	NE	NE	NE
Wind movement	4	4	1	3	4	3	3	4	5	6	7	9	8	8	7	8	4	3	2	4	5	4	9	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

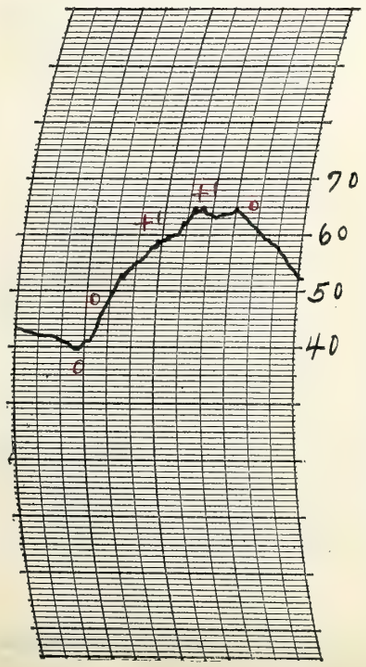
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	39	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.0 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 80
Prevailing wind direction, N Total wind, 124
Average hourly velocity, 5.2 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 10:28 p.m.
Reduced barometer, 29.95 7 a. m. 29.73 7 p. m.
River gage, 7.1 feet
Relative humidity, 64 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 59.6 Wet temperature, 47.8
Dew-point, 35 R. humidity, 40 V. pressure, 203
Clouds: Amount, 3; Kind, acu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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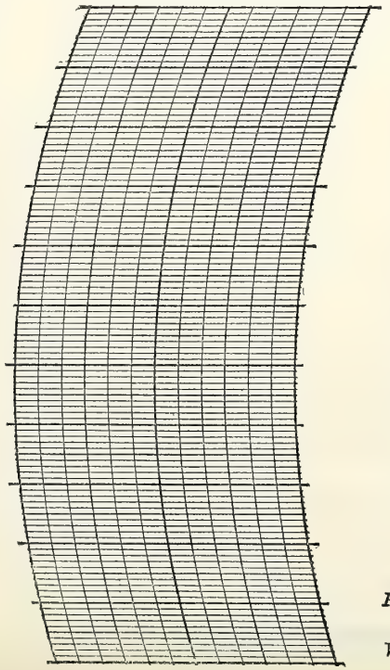
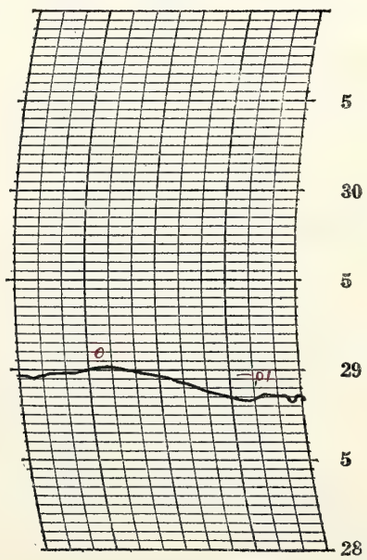


BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough

8—486

NOTES

The sky was mostly clear until after noon. The cloudiness increased during the afternoon and evening and rain began at 9:10 p.m. and continued past midnight.

Moderate temperatures

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 29 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	51	50	49	49	50	50	47	46	44	46	50	50	48	47	47	45	43	42	42	42	41
Nature of precipitation and time of beginning and ending												RE 11:05				RB 3:05	RE 4:35							
Amounts of precipitation	.09	.23	.16	.11	.23	.02	.02	T	.05	.06	.13	T				.02	T							
Cloudiness and other conditions												Cloudy								X	Pt Cldy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.6	1.0	1.0	0	0	0	0	0					
Wind direction	E	NE	E	SE	SE	SE	SE	E	E	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	12	5	5	5	7	7	11	9	12	10	23	20	16	12	12	13	13	17	15	10	12	11	12

Sunrise: Time, 4:41; Character, Cloudy

Moonrise: 3:59a Cloudy

Sunset: Time, 6:35; Character, Cloudy

Moonset: 4:26p Cloudy

Maximum velocities (exceeding ~~29~~ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	41	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .93 ins.; to 7 p. m., 2.6 ins.

Total precipitation, midnight to midnight, 1.12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 2.6 Possible sunshine, hours, 13.9

Per cent of possible sunshine, 19

Prevailing wind direction, NE Total wind, 279

Average hourly velocity, 11.6 Extreme velocity, 28

Maximum velocity, 27 Direction, E

Time began, 11:16 am

Reduced barometer, 29.647 a. m. 29.767 p. m.

River gage, 8.1 feet

Relative humidity, 93 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

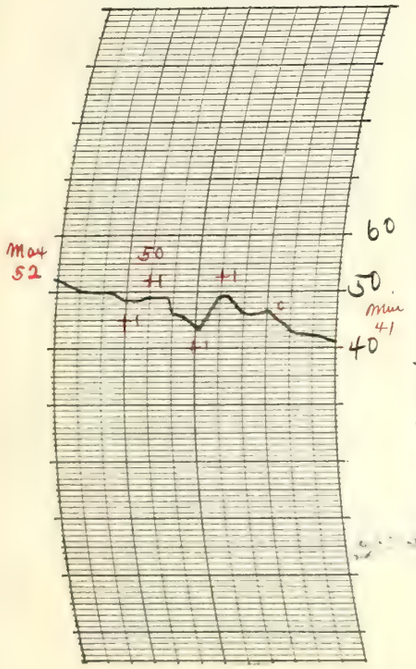
Dry temperature, 44.5 Wet temperature, 42.5

Dew-point, 40 R. humidity, 86 V. pressure, 247

Clouds: Amount, 10; Kind, Stcu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH



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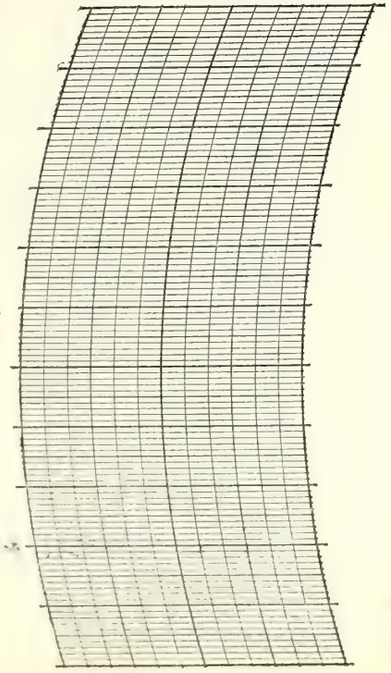

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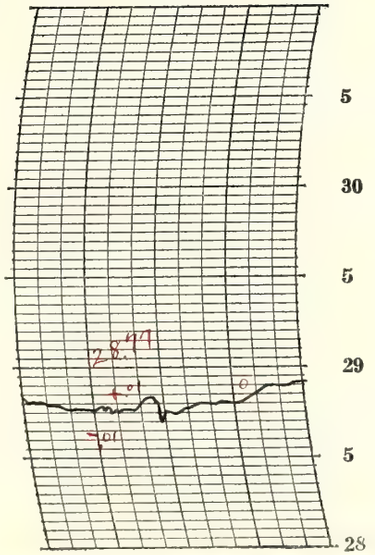


NOTES

Thunder first heard at 12:20 am, last heard 5:15 am. Rain continued the greater part of the forenoon and a light shower occurred in the afternoon. The sky was partly cloudy at night with some of the brighter stars visible.

Temperatures averaged below normal.

Moderate winds from the northeast after 11:00 am. The barometer fluctuated considerably between 9:30 am and 12:00 noon.

Prepared by [illegible]

Verified by P. McGonigle

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 30 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	38	39	39	41	42	44	48	50	54	54	55	57	58	57	57	55	53	51	48	45	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<							Clear												>
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 (40)					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NW	N	N
Wind movement	12	10	9	10	10	10	14	14	12	12	13	14	12	13	11	11	11	8	6	5	5	10	8	6

Sunrise: Time, 4:40 Character, Cloudy
Moonrise: 4:30a Cloudy

Sunset: Time, 6:36 Character, Clear
Moonset: 5:42 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

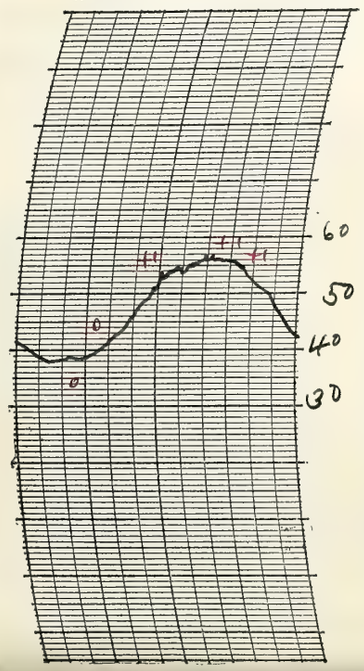
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	38	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.3 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 88
Prevailing wind direction, NE Total wind, 246
Average hourly velocity, 10.2 Extreme velocity, 19
Maximum velocity, 19 Direction, NE
Time began, 11:21 am
Reduced barometer, 29.977 a. m. 30.03 7 p. m.
River gage, 10.8 feet
Relative humidity, 62 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.1 Wet temperature, 43.3
Dew-point, 30 R. humidity, 39 V. pressure, .164
Clouds: Amount, Few; Kind, St cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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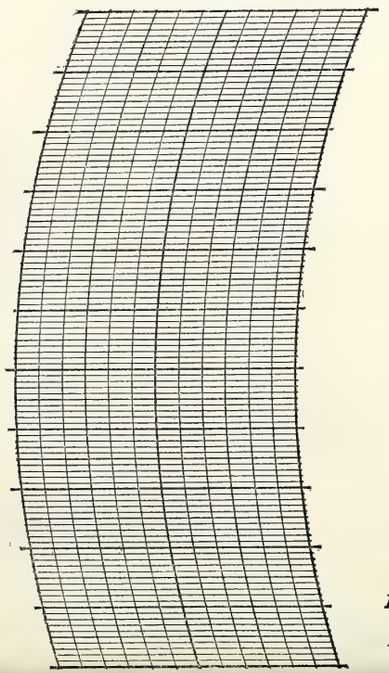
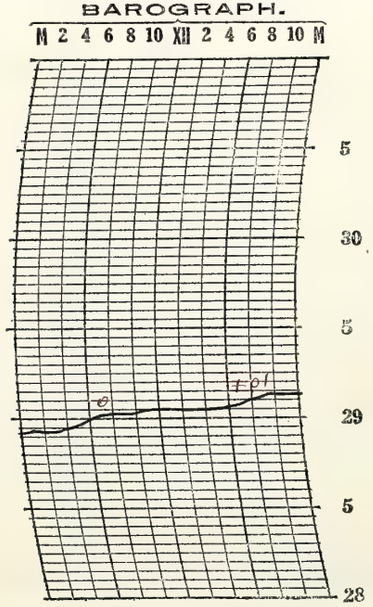


BAROGRAPH.



Prepared by O. W. K.

Verified by J. M. Dorrough

8—486

NOTES

There was some cloudiness in the early morning but during the greater part of the day the sky was cloudless. Clear into the night, Stars bright.

The weather was fine except that the northeast wind was rather cool in the forenoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 1 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	40	40	44	51	53	58	59	60	63	64	65	64	63	62	60	57	56	54	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	N	N	N	N	N	N	W	NW	NW	NW	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	SW
Wind movement	5	4	4	2	3	2	3	3	5	6	6	8	8	9	9	10	10	8	6	7	6	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:39 Character, Cloudy
Moonrise: 5:02a Cloudy
Sunset: Time, 6:37 Character, Clear
Moonset: 6:59p Clear

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New - 6:40 a
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 91
Prevailing wind direction, W Total wind, 135
Average hourly velocity, 5.6 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 2:38 p.m.
Reduced barometer, 30.11 7 a. m. 30.00 7 p. m.
River gage, 9.6 feet
Relative humidity, 62 7 a. m. 45 7 p. m.

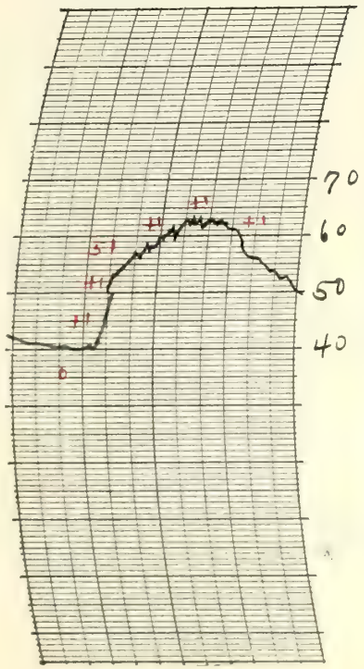
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 59.6 Wet temperature, 46.3
Dew-point, 31 R. humidity, 33 V. pressure, .172
Clouds: Amount, 2 Few; Kind, Ci + Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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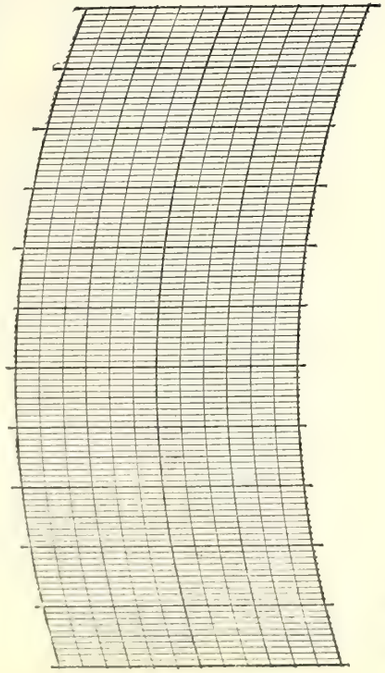
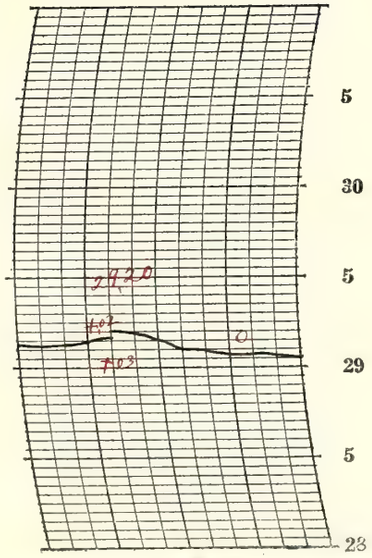


BAROGRAPH.



Prepared by OEK

Verified by P. McDonough

8—486

NOTES

Heavy deposit of dew in am.
Solar halo, 22° radius, observed 5:30 am to 6:20 am.
A small amount of clouds appeared from time to time but the day as a whole was clear. Clear into the night. Stars bright.
The temperature rose rapidly from early morning till afternoon. The weather was fine.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	47	46	47	51	57	61	65	65	67	67	66	66	66	66	60	58	57	56	55	55	54
State of weather: Nature of precipitation and time of beginning and ending															RB 2:55	RE 3:25								
Amounts of precipitation															T	T								
Cloudiness and other conditions					<		Pt cloudy	X		Clear			X			Cloudy				X	Pt cldy	X	Cldy	>

Sunrise: Time, 4:37 Character, Cloudy

Moonrise: 5:37a Cloudy

Sunset: Time, 6:38 Character, Cloudy

Moonset: 8:16p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0.1	0.4	0.1	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	5	7	7	7	8	8	9	10	11	11	10	9	7	7	5	5	7	6	7	6	6	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	46	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.9 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 56
Prevailing wind direction, SW Total wind, 174
Average hourly velocity, 7.2 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 9:14 am
Reduced barometer, 29.957 a. m. 29.827 p. m.
River gage, 7.4 feet
Relative humidity, 68 7 a. m. 73 7 p. m.

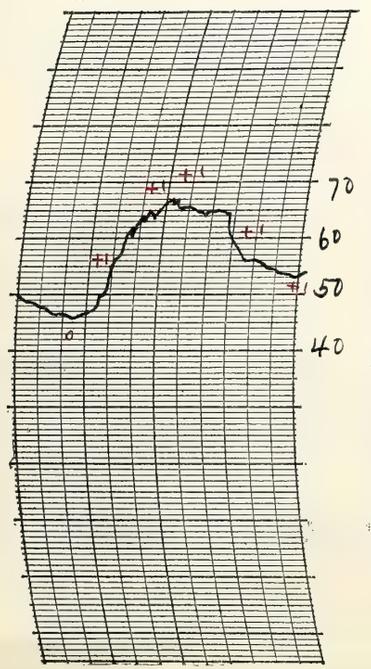
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

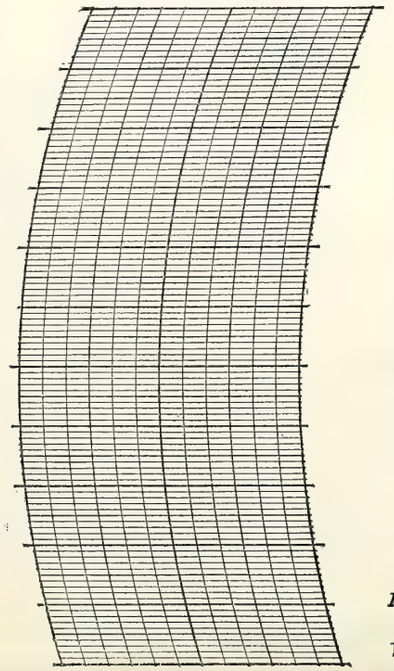
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.1 Wet temperature, 53.3
Dew-point, 41 R. humidity, 39 V. pressure, 256
Clouds: Amount, 3; Kind, Cirst; Direction, NW
Velocity of clouds (miles per hour)

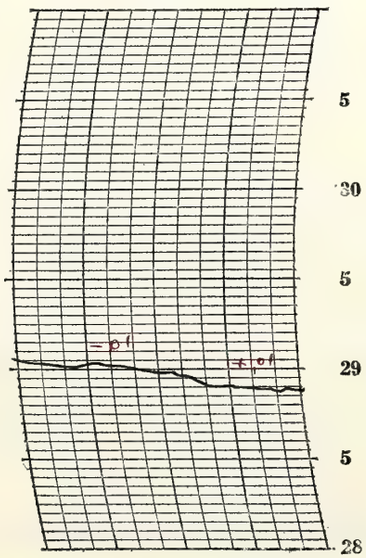
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.A.R.

Verified by P. McDonough

8—486

NOTES

The sky was partly cloudy to clear in the forenoon and mostly cloudy in the afternoon. A light shower occurred in the afternoon. The stars were visible for a while at night but later it became mostly overcast.

The weather was quite pleasant. The temperature averaged slightly above normal.

Solar halo, 22° radius, observed 8:30 am to 12:00 noon. Brightly colored at times above and below Sun. Halo also visible a short while about 5:30 p. m. Upper tangent arcs, brightly colored 8:30 am to about 10:00 am. Parhelion at left of Sun 8:30 am for a few minutes

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 3 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	57	57	56	58	58	61	64	61	62	63	65	66	68	70	67	67	67	65	64	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN																			
Amounts of precipitation				T	T																			
Cloudiness and other conditions			<	Cldy	—	×	Pt cldy	×	Cldy	×	—	Pt cldy	—	—	—	×	—	Cloudy	—	—	—	—	>	
Sunshine (in tenths of hours)					0	0	0.9	1.0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	SE	S	S	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	S	S	S	S	SW	SW	SW
Wind movement	6	6	8	9	11	9	10	12	13	11	13	10	9	9	6	8	5	4	6	5	5	7	9	8
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 4:36 Character, Cloudy
Moonrise: 6:17a Cloudy
Sunset: Time, 6:39 Character, Cloudy
Moonset: 9:28p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	54	62	

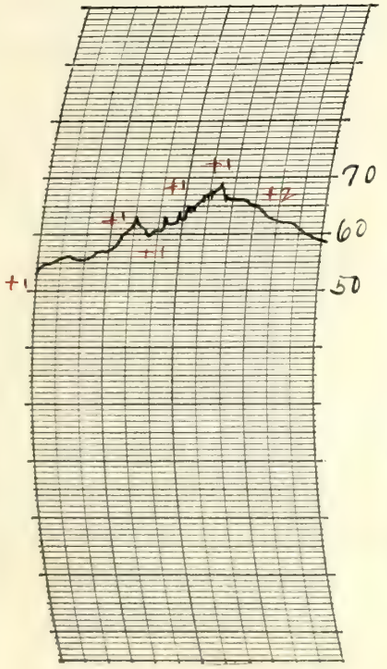
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.1 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind, 199
Average hourly velocity, 8.3 Extreme velocity, 16
Maximum velocity, 16 Direction, W
Time began, 8:49 am
Reduced barometer, 29.74 7 a. m. 29.71 7 p. m.
River gage, 6.1 feet
Relative humidity, 75 7 a. m. 40 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

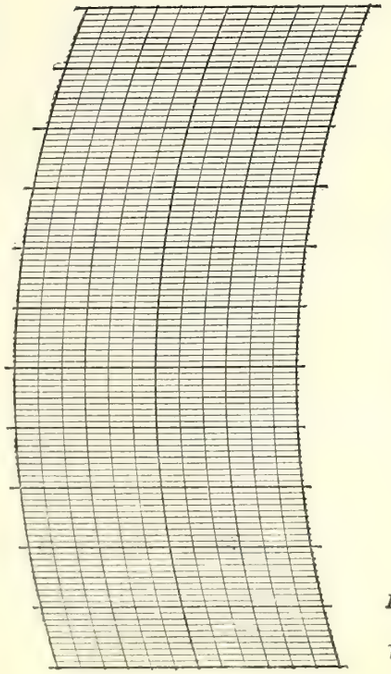
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.8 Wet temperature, 53.3
Dew-point, 44 R. humidity, 46 V. pressure, .287
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

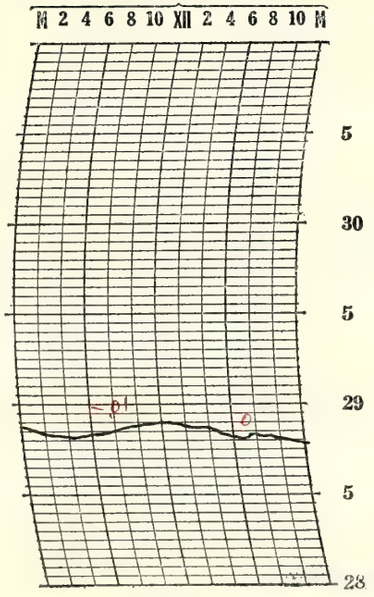
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.A.P.

Verified by P. McDonough

8—486

NOTES

Both upper and lower clouds prevailed the greater part of the day. A light shower occurred in the early morning. Mostly cloudy into the night.

The weather was quite pleasant with temperatures above normal.

Solar halo, 22° radius, observed 6:15 am till about 4:25 p.m. It was obscured at times by lower clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	54	52	51	49	49	51	53	54	55	55	54	57	58	57	56	54	53	53	53	52	52	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear				8+ cldy	Clear			8+ cldy				X		Cldy			→
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0					
Wind direction	SW	NW	NW	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	W	W	SW	SW
Wind movement	9	11	6	5	5	6	9	10	12	14	14	15	15	12	13	13	14	9	8	6	6	5	6	6

Sunrise: Time, 4:35 Character, Clear
Moonrise: 7:03 a Clear
Sunset: Time, 6:40 Character, Cloudy
Moonset: 10:33 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

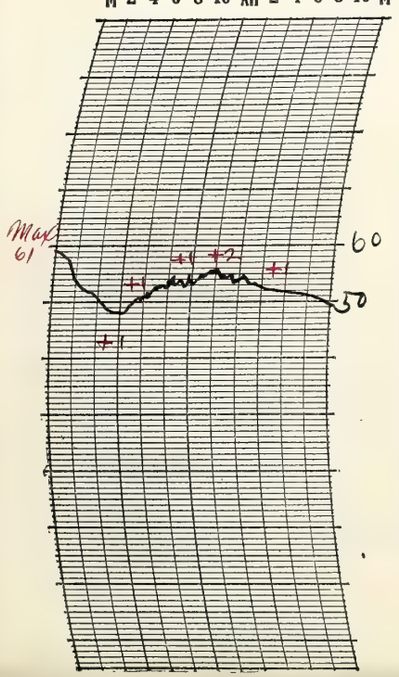
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	49	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.0 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 85
Prevailing wind direction, W Total wind, 229
Average hourly velocity, 9.5 Extreme velocity, 20
Maximum velocity, 18 Direction, W
Time began, 9:38 p.m.
Reduced barometer, 29.787 a. m. 29.937 p. m.
River gage, 5.5 feet
Relative humidity, 60 7 a. m. 62 7 p. m.

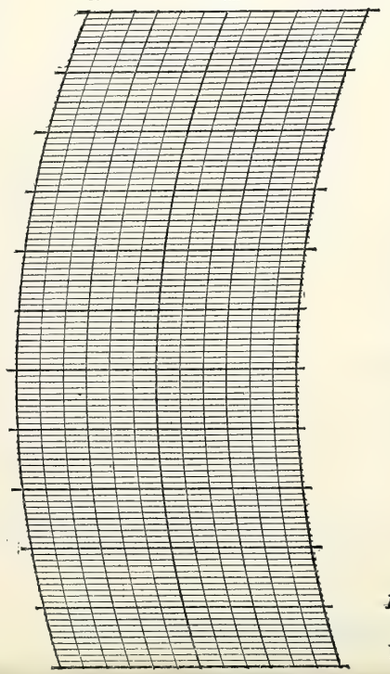
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.2 Wet temperature, 45.8
Dew-point 37 R. humidity, 52 V. pressure, .219
Clouds: Amount, 3; Kind, St Cu Direction, W
Velocity of clouds (miles per hour)

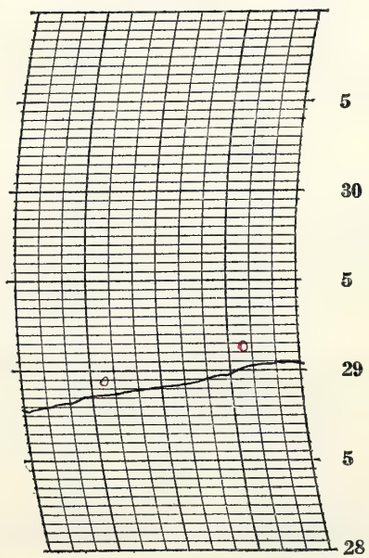
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.L.R.
Verified by J. McDonough

8—486

NOTES

The sky was clear to partly cloudy during the day and mostly cloudy into the night. Temperatures slightly below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 5 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	47	47	47	47	50	55	56	59	61	63
Nature of precipitation and time of beginning and ending					RB DN	RE DN						
Amounts of precipitation					.01	T						
Cloudiness and other conditions	←				Cldy		Pt cldy	X		Clear	X	
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	6	8	6	6	6	8	6	6	9	13	12	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	63	62	60	60	59	59	57	56	56
Nature of precipitation and time of beginning and ending						RB 5:45		RE 7:03				
Amounts of precipitation						T	T	T				
Cloudiness and other conditions		X			Cloudy							→
Wind direction	W	W	W	W	W	N	N	N	N	N	NE	E
Wind movement	11	9	8	6	6	4	3	3	2	4	3	6

Sunrise: Time, 4:33 Character, Cloudy
Moonrise: 7:55a Cloudy

Sunset: Time, 6:41 Character, Cloudy
Moonset: 11:31p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0	0					

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

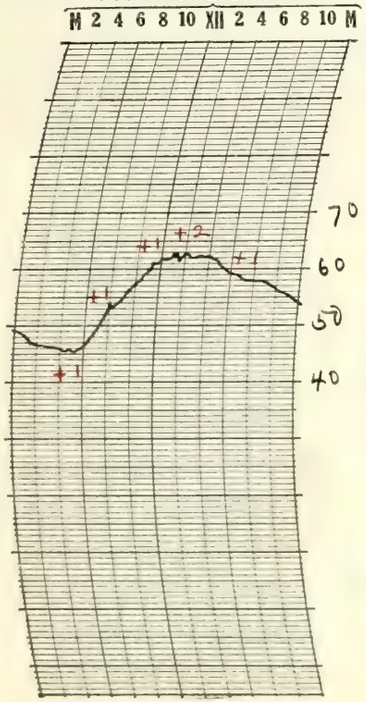
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.8 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 55
Prevailing wind direction, SW Total wind, 161
Average hourly velocity, 6.7 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 10:03 am.
Reduced barometer, 30.05 7 a. m. 30.03 7 p. m.
River gage, 4.7 feet
Relative humidity, 76 7 a. m. 68 7 p. m.

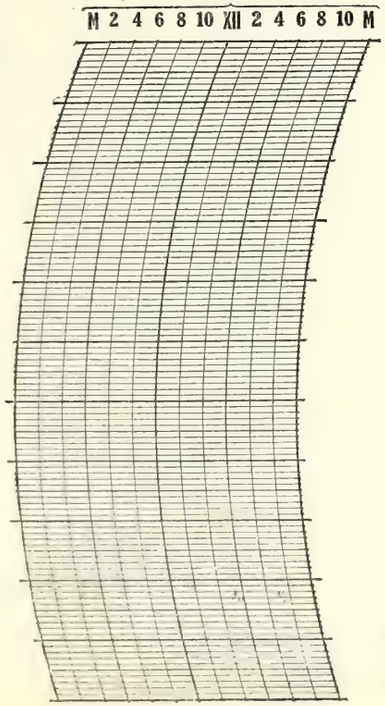
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 63.3 Wet temperature, 52.7
Dew-point, 43 R. humidity, 49 V. pressure, .277
Clouds: Amount, 3; Kind, St cu.; Direction, W
Velocity of clouds (miles per hour)

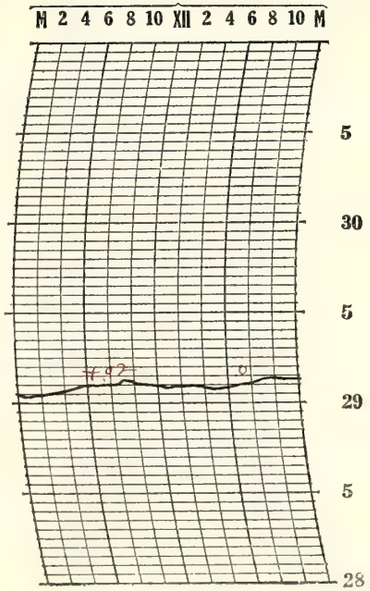
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.R.

Verified by A. McDonough

8—486

NOTES

Light showers occurred in the early morning and in the evening. The cloudiness decreased from early morning till about 10:00 am and then increased. The day as a whole was partly cloudy.

The temperature was about normal.

Solar halo, 22° radius, observed 7:52 am till 9:00 am and for a while about 11:40 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 6 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	51	50	49	51	54	58	59	60	62	64	63	64	64	66	65	63	61	58	57	56	55	54
State of weather: Nature of precipitation and time of beginning and ending																						RB 9 E 10 N		
Amounts of precipitation																						T		
Cloudiness and other conditions					<			Clear				X			Pt cloudy			X				Cloudy		>
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	E	NE	E	E	E	E	NE	E	E	E	E	NE	NE	NE	NE	E	NE	NE	E	E	E	E	E	E
Wind movement	5	7	5	5	6	6	7	10	9	10	9	10	11	9	10	9	10	9	10	9	7	6	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:32 Character, Clear
Moonrise: 8:52 a Cloudy
Sunset: Time, 6:42 Character, Cloudy
Moonset: — —

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 88
Prevailing wind direction, E Total wind, 194
Average hourly velocity, 8.1 Extreme velocity, 15
Maximum velocity, 15 Direction, NE
Time began, 12:09 pm
Reduced barometer, 30.12 7 a. m. 30.06 7 p. m.
River gage, 4.0 feet
Relative humidity, 66 7 a. m. 64 7 p. m.

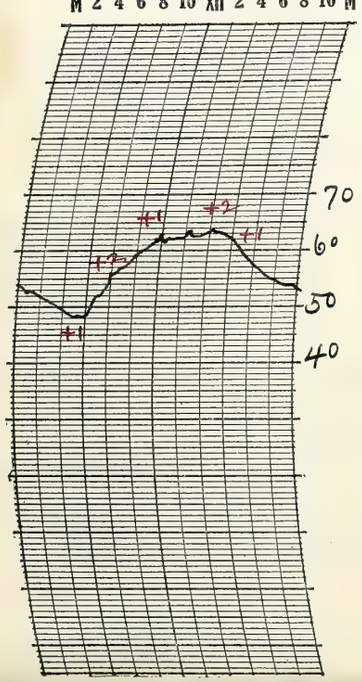
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 63.7 Wet temperature, 53.5
Dew-point, 45 R. humidity, 51 V. pressure, 29.98
Clouds: Amount, Few 6; Kind, Pt cu 5; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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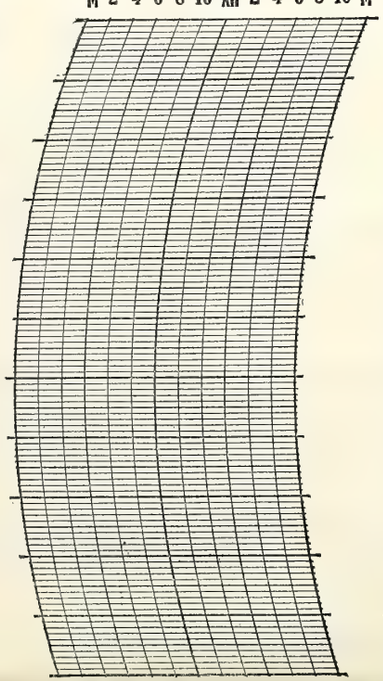
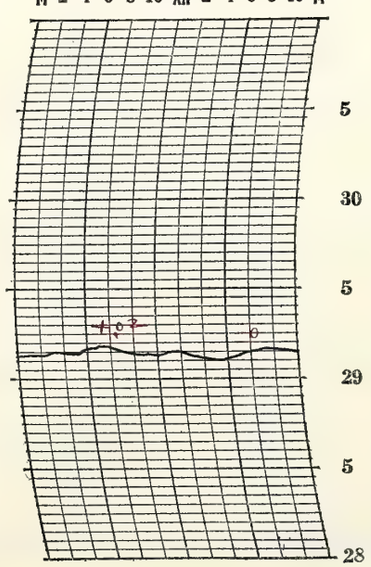


BAROGRAPH.



Prepared by O.E.R.
Verified by J. M. McDonough

8—486

NOTES

It was mostly clear during the forenoon, partly cloudy during the afternoon and mostly cloudy into the night. A light sprinkle of rain occurred at night between 9:30 p.m. and 10:00 p.m.

Temperatures about normal.

Solar halo, 22° radius, observed 8:15 am to about 8:45 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	52	51	49	52	55	58	62	64	66	68	71	70	70	69	67	63	58	56	54	53	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					< Cldy		X				Clear						X		Cldy		X	Cloudy >		
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	E	E	NE	NE	NE	NE	E	E	E	E	SE	SE	E	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	8	6	6	7	7	9	10	14	12	11	11	11	10	9	11	12	11	13	13	14	15	15	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:31 Character, Cloudy
Moonrise: 9:53a Clear
Sunset: Time, 6:43 Character, Cloudy
Moonset: 12:20a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

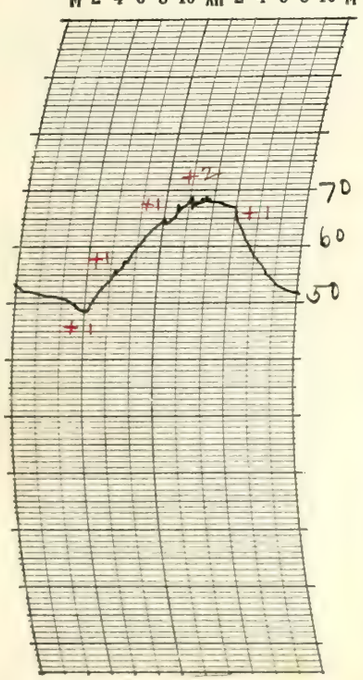
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	49	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.8 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 76
Prevailing wind direction, E Total wind, 262
Average hourly velocity, 10.9 Extreme velocity, 19
Maximum velocity, 17 Direction, E
Time began, 8:00 am.
Reduced barometer, 30.15 7 a. m. 30.04 7 p. m.
River gage, 3.4 feet
Relative humidity, 61 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.7 Wet temperature, 51.4
Dew-point, 37 R. humidity, 36 V. pressure, 219
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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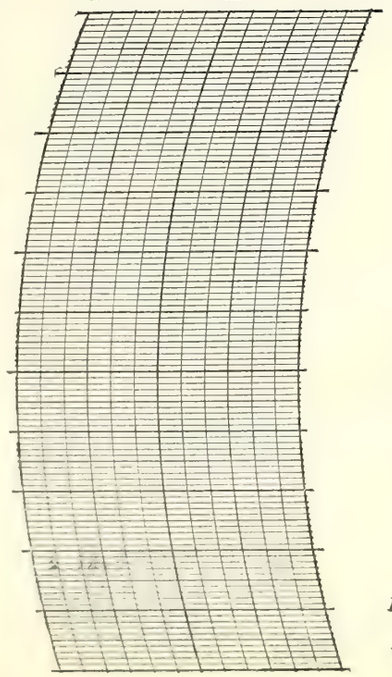
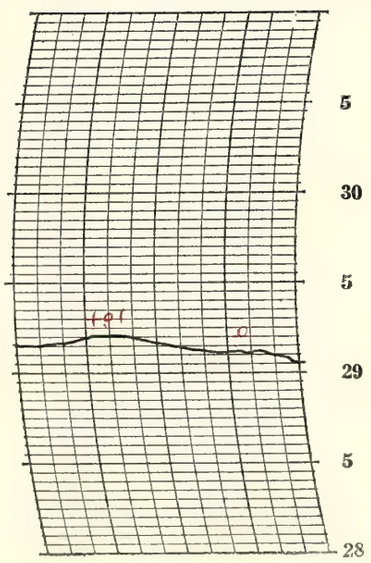


BAROGRAPH.



Prepared by OHR
Verified by C. McAnough

8—486

NOTES

The sky was partly cloudy in the early morning but was entirely cloudless during the middle of the day. The cloudiness increased gradually after the middle of the afternoon and it became overcast at night.

The temperature was moderate and the weather quite pleasant.

Lunar halo, 22° radius, observed 8:30 p.m. and after.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 8 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	53	49	48	48	50	54	56	59	62	65
State of weather: Nature of precipitation and time of beginning and ending		RB DN					RE 6:35					
Amounts of precipitation		T	.04	.05	.08	.01	.01					
Cloudiness and other conditions					← Cloudy			×		Clear		
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	NE	E	E	E	SE	E	SE	SE
Wind movement	15	11	11	10	10	15	9	14	11	9	8	7

Sunrise: Time, 4:30 Character, Cloudy

Moonrise: 10:54a Cloudy

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	67	69	69	68	67	67	66	66	67	67	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Pt cldy ×				Cldy			× Pt cldy ×		Cldy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5	0.2	0	0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	8	9	8	7	8	7	7	8	11	13	12

Sunset: Time, 6:44 Character, Cloudy

Moonset: 1:01a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .19 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Pt Cloudy; Moon phase, First Quarter 9:27a
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.8 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 62
Prevailing wind direction, SE Total wind, 235
Average hourly velocity, 9.8 Extreme velocity, 22
Maximum velocity, 21 Direction, E
Time began, 7:25 am
Reduced barometer, 29.977 a. m. 29.797 p. m.
River gage, 3.1 falls
Relative humidity, 79 7 a. m. 83 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

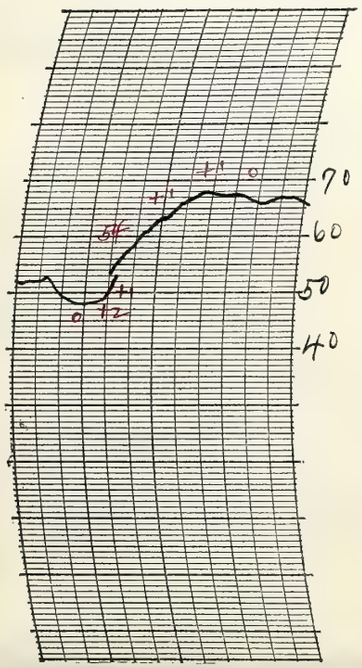
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 64.8 Wet temperature, 58.3
Dew-point, 54 R. humidity, 68 V. pressure, .417
Clouds: Amount, 7; Kind, Strat; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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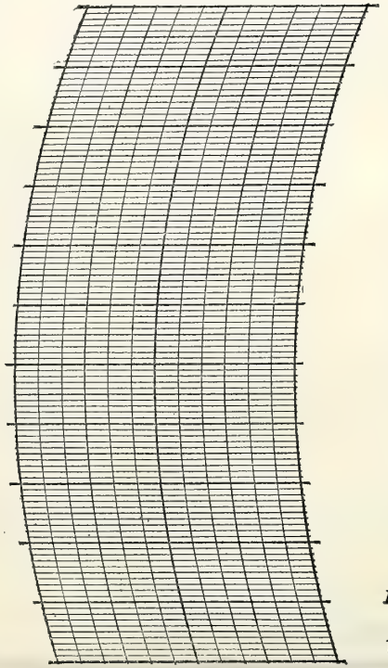
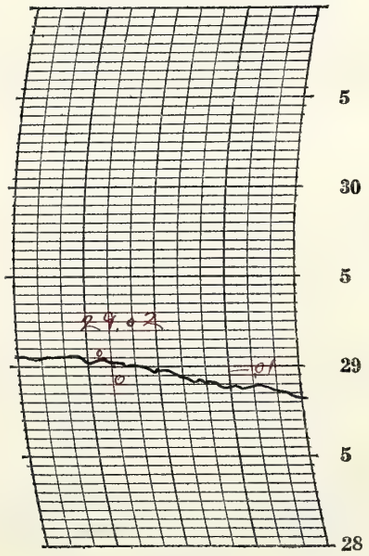


BAROGRAPH.



Prepared by O.E.R.

Verified by Paul Donough

8—486

NOTES

A light rain occurred during the early morning, ending just before the a.m. observation. The cloudiness varied considerably from time to time and the day as a whole was partly cloudy. There was moonlight for a while in the earlier part of the night but later it became mostly overcast. Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 9, 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	69	70	70	61	63	67	71	76	80	83
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10 RE 5:50						
Amounts of precipitation						.09						
Cloudiness and other conditions			<		Cldy		× Pt Cldy	×			Clear	
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	W	S	S	SW	S	S	SW
Wind movement	10	11	13	12	12	16	7	7	10	12	18	18
Maximum velocities (exceeding 29 miles) direction and time						40 W 5:14						

Sunrise: Time, 4:29 Character, Cloudy
Moonrise: 11:55a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	83	84	85	83	80	79	77	76	71	65	64
State of weather: Nature of precipitation and time of beginning and ending										RB 9:45		
Amounts of precipitation												
Cloudiness and other conditions					× Pt Cldy	×			Cloudy			>
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	21	19	21	24	23	23	16	15	14	14	15	21
Maximum velocities (exceeding 29 miles) direction and time				30 S 3:32								30 S 11:55

Sunset: Time, 6:45 Character, Cloudy
Moonset: 1:35a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	61	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .49 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.6 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 74
Prevailing wind direction, S Total wind, 372
Average hourly velocity, 15.5 Extreme velocity, 48
Maximum velocity, 40 Direction, W
Time began, 5:14 am
Reduced barometer, 29.79 7 a. m. 29.62 7 p. m.
River gage, 3.0 fell
Relative humidity, 92 7 a. m. 49 7 p. m.

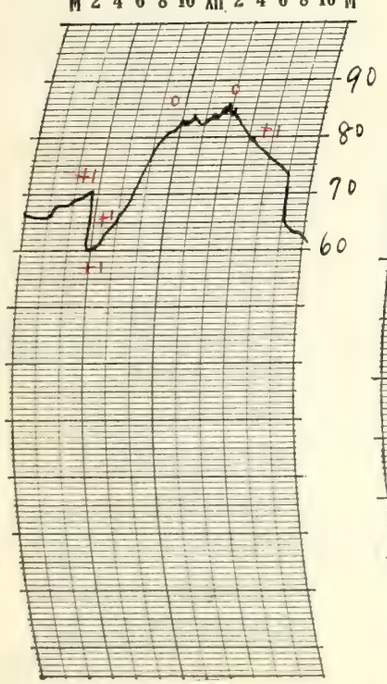
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 70.0
Dew-point, 64 R. humidity, 52 V. pressure, .595
Clouds: Amount, 7; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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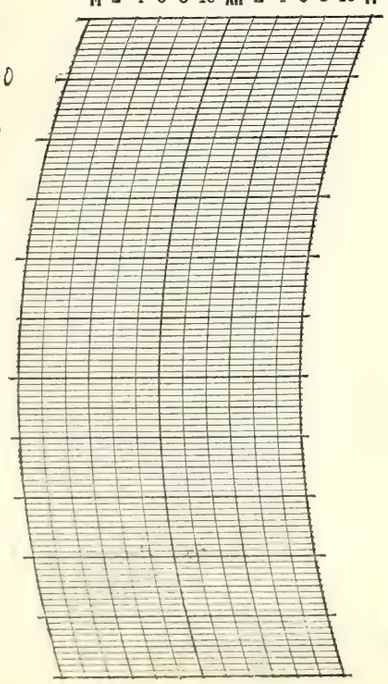

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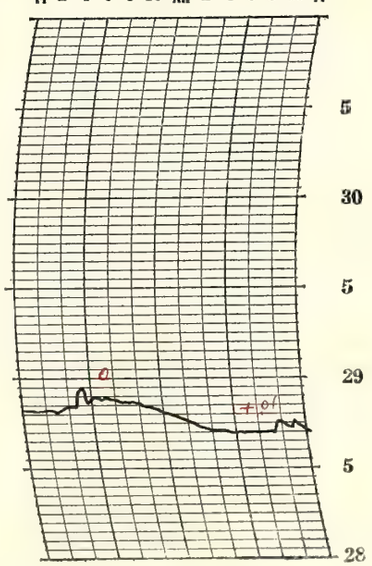


Prepared by C.W.P.

Verified by P. McDonough

8—480

NOTES

The wind reached a velocity of 40 miles per hour in a wind squall at 5:14 am. No material damage was reported. The squall was accompanied by a shower of short duration. The sky was mostly clear during the middle of the day but the day as a whole was partly cloudy. The position of the moon was visible for a while in the evening. A thunderstorm accompanied by rain began 9:45 p m and continued past midnight.

The temperature fell about 10° in a few minutes during the early morning shower. It rose rapidly then to a maximum of 86° in the late p.m.

Solar halo, 22° radius, observed 7:52 am for a few minutes, also visible at 4:00 p m and at 5:30 p m. Circumzenithal arc, colored red, orange, green, observed 4:28 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 10 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	65	64	63	63	63	63	64	64	64	65
Nature of precipitation and time of beginning and ending		RE DN										
Amounts of precipitation	.01	T										
Cloudiness and other conditions							Pt cldy				Clear	
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	25	22	18	19	17	20	25	26	30	29	26	25
Maximum velocities (exceeding 29 miles) direction and time	30 S 12:45						35 SW 6:54	35 SW 7:54	39 SW 8:40	37 SW 9:35	32 SW 10:25	32 SW 11:54

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	62	60	58	57	56	54	53	51	50	50
Nature of precipitation and time of beginning and ending					RB 4:55	RE 5:05						
Amounts of precipitation					T	T						
Cloudiness and other conditions			Pt cldy					Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	0.9	0	0	0	0					
Wind direction	SW	SW	W	W	W	SW	W	W	W	W	W	W
Wind movement	23	20	17	17	17	16	15	15	18	19	16	13

Sunrise: Time, 4:28 Character, Cloudy
Moonrise: 12:55p Cloudy
Sunset: Time, 6:46 Character, Cloudy
Moonset: 2:03a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	50	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .41 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.3 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind, 488
Average hourly velocity, 20.3 Extreme velocity, 42
Maximum velocity, 39 Direction, SW
Time began, 8:40 am
Reduced barometer, 29.58 7 a. m. 29.72 7 p. m.
River gage, 3.0 fall
Relative humidity, 73 7 a. m. 77 7 p. m.

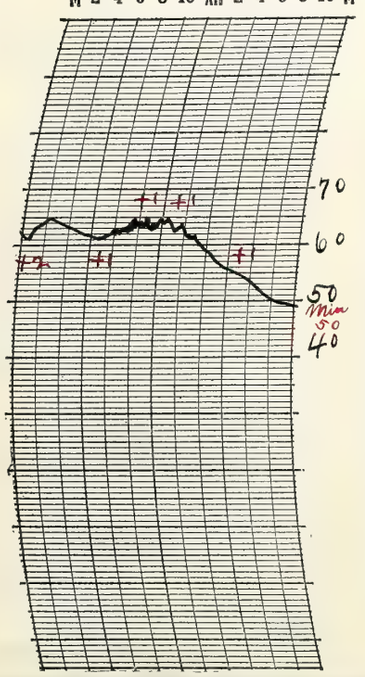
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 65.3 Wet temperature, 55.8
Dew-point, 49 R. humidity, 55 V. pressure, .347
Clouds: Amount, 3 ; Kind, ~~Sh Sng~~ Cu Direction, SW R
Velocity of clouds (miles per hour)

THERMOGRAPH



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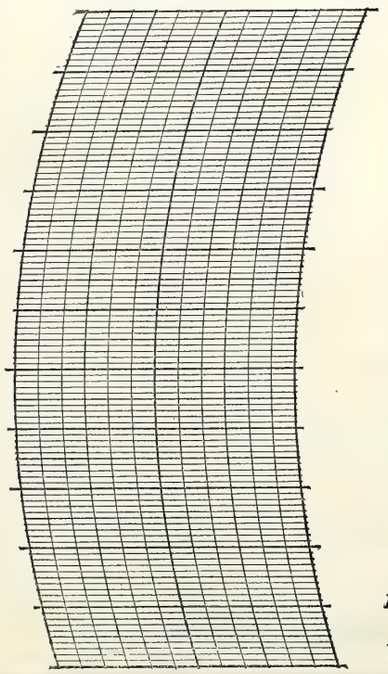
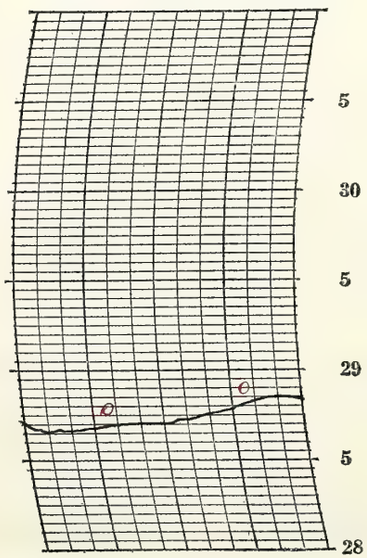


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

A thunderstorm and light shower continued from the previous date and ended in the early morning. The day was partly cloudy with light haze from about 9:00 am to about 3:00 p.m. A light sprinkle occurred in the late afternoon and the sky continued overcast into the night.

The temperature did not vary greatly from early morning until afternoon when it started falling slowly and continued falling past midnight.

Strong southwest winds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	48	46	46	47	47	47	44	44	47
Nature of precipitation and time of beginning and ending	RB DN	RE DN							RB 8:45			RE 11:15
Amounts of precipitation	T	T							T	T	T	T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.1
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	W
Wind movement	12	14	11	11	10	6	9	9	11	9	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	48	49	48	47	46	45	44	44	43	42
Nature of precipitation and time of beginning and ending		RB 1:00 RE 1:15		RB 3:50		RE 5:15						
Amounts of precipitation		T		T	T	T						
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0.1	0	0	0					
Wind direction	W	W	W	W	W	W	W	NW	NW	W	W	W
Wind movement	11	10	12	12	12	12	9	9	8	8	9	8

State of weather.

Sunrise: Time, 4:27 Character, Cloudy

Moonrise: 1:55p Cloudy

Sunset: Time, 6:47 Character, Cloudy

Moonset: 2:30a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	42	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.2 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 1

Prevailing wind direction, W Total wind, 241

Average hourly velocity, 10.0 Extreme velocity, 18

Maximum velocity, 17 Direction, W

Time began, 1:43 am

Reduced barometer, 29.83 7 a. m. 29.95 7 p. m.

River gage, 2.2 feet

Relative humidity, 86 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

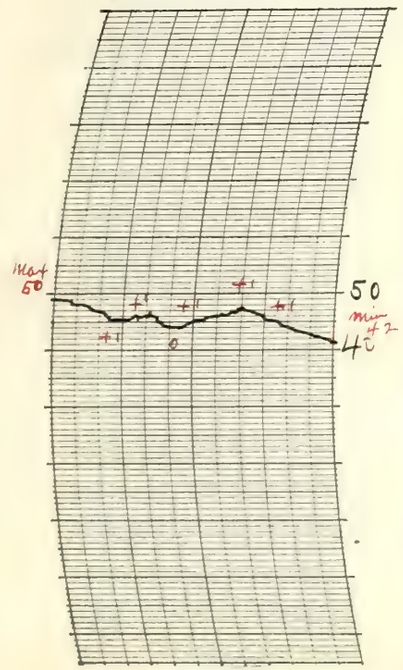
Dry temperature, 46.7 Wet temperature, 44.5

Dew-point, 42 R. humidity, 85 V. pressure, 266

Clouds: Amount, 10; Kind, St; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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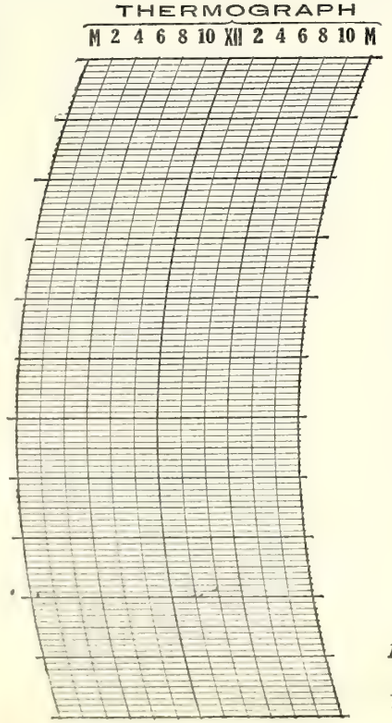

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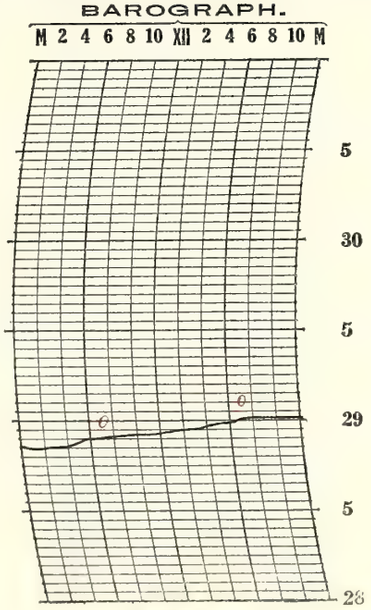


Prepared by [illegible]

Verified by C. McDonough

8—486

NOTES

Dam closed.

The sky was heavily overcast the greater part of the day and several light showers occurred. Mostly cloudy into the night.

It remained rather cool all day and the temperature did not range very much during the 24 hours.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	41	42	42	44	44	46	47	49	52
State of weather: Nature of precipitation and time of beginning and ending				RG DK	RE DK							
Amounts of precipitation				T	T							
Cloudiness and other conditions							Cloudy				X Foggy X	
Sunrise: Time, Character,	4:26 Cloudy											
Moonrise:	2:54p Cloudy											
Sunshine (in tenths of hours)					0	0	0.1	0	0.2	0.4	0.9	0.4
Wind direction	W	W	W	W	W	W	W	NW	W	W	NW	NW
Wind movement	9	8	7	7	8	7	8	10	9	10	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	54	56	56	55	55	54	52	50	48	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy						X	Clear		
Sunset: Time, Character,									6:49 Cloudy			
Moonset:									2:53a Cloudy			
Sunshine (in tenths of hours)	0.7	0.8	0.4	0.4	0.1	0	0					
Wind direction	W	NW	W	W	SW	W	W	W	W	NW	W	W
Wind movement	11	9	8	7	4	4	4	4	4	4	4	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

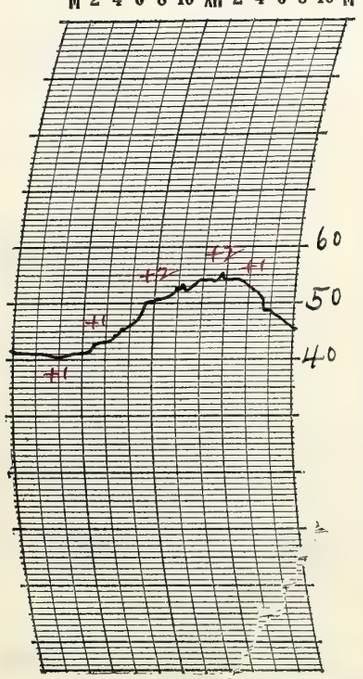
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	41	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.4 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 31
Prevailing wind direction, W Total wind, 169
Average hourly velocity, 7.0 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 12:17 p.m.
Reduced barometer, 30.01 7 a. m. 29.98 7 p. m.
River gage, 2.3 feet
Relative humidity, 84 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.7 Wet temperature, 45.5
Dew-point, 39 R. humidity, 62 V. pressure, .237
Clouds: Amount, 10; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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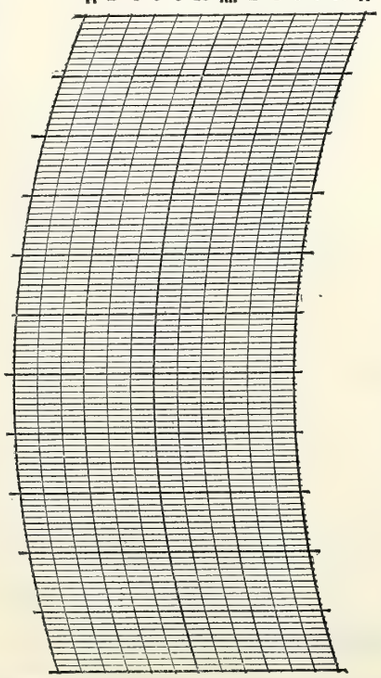
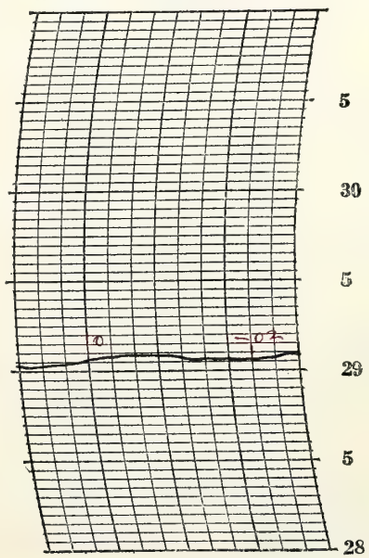


BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough

8—486

NOTES

Ω am closed

A light shower occurred in the early morning and the sky continued mostly over cast the greater part of the day.

The sky was clear after about 8:00 p.m. with bright moonlight.

The weather continued rather cool.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	42	43	42	44	50	57	59	61	62	64	64	63	63	63	62	60	57	57	55	53	52	51
State of weather: Nature of precipitation and time of beginning and ending																RB 3:48								
Amounts of precipitation																T	T	T	T	T	.01	T	T	.01
Cloudiness and other conditions				<		Clear				X		Pt cloudy			X			Cloudy						>

Sunrise: Time, 4:25 Character, Clear

Moonrise: 3:51 p Cloudy

Sunset: Time, 6:50 Character, Cloudy

Moonset: 3:15 a Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					.58 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0					
Wind direction	W	W	NW	W	W	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	S	E	SW	W	W	NW	N	N
Wind movement	4	5	4	2	3	5	4	3	6	5	7	9	9	7	7	3	3	4	8	4	4	5	6	5

Maximum velocities (exceeding ~~29~~ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	41	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.2 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 71

Prevailing wind direction, SW Total wind, 122

Average hourly velocity, 5.1 Extreme velocity, 13

Maximum velocity, 13 Direction, SW

Time began, 6:09 p.m.

Reduced barometer, 30.02 7 a. m. 29.81 7 p. m.

River gage, 2.4 fell 8

Relative humidity, 63 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

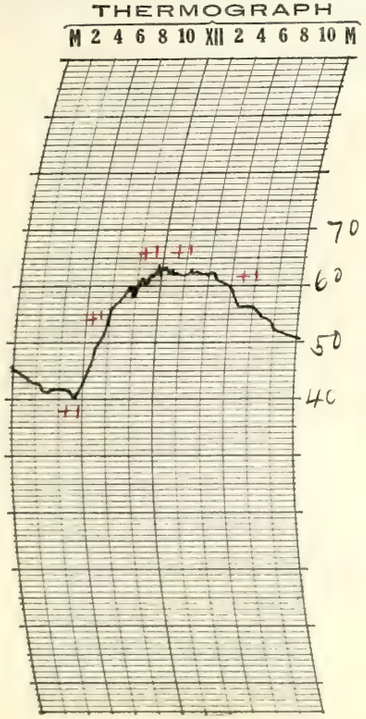
Dry temperature, 64.1 Wet temperature, 51.6

Dew-point, 40 R. humidity, 41 V. pressure, 2.47

Clouds: Amount, 2 ; Kind, Ci St Cu ; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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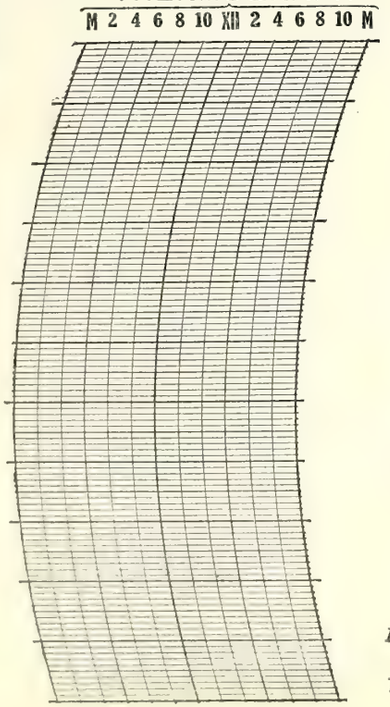
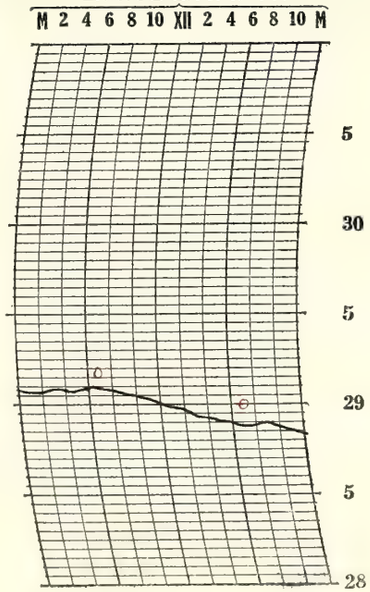


BAROGRAPH.



Prepared by O.E.R.

Verified by C. McDonough

8—486

NOTES

Dam closed.

Heavy deposit of dew in early morning.

It was clear in the early morning but the cloudiness increased gradually and it became mostly overcast after the middle of the afternoon. A light rain began in the late afternoon and continued past midnight.

The temperature rose rapidly from 40.6° in the early morning to 65.0° before noon and then changed little during the afternoon.

Solar halo, 22° radius, observed 10:24 am and at 11:40 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	49	49	49	49	50	50	53	56	53	53
Nature of precipitation and time of beginning and ending								RE 7:50				RB 11:35
Amounts of precipitation	.01	.02	T	T	T	T	T	.04				T
Cloudiness and other conditions						Cloudy			X Ptcldy		X	
Sunshine (in tenths of hours)					0	0	0	0	0.5	1.0	0.8	0.6
Wind direction	NW	W	NW	NW	SW	SW	SW	SW	W	W	W	W
Wind movement	6	4	4	2	5	6	10	9	8	14	15	19

Sunrise: Time, 4:24 Character, Cloudy
Moonrise: 4:51p Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	49	47	47	45	45	44	44	43	43	43
Nature of precipitation and time of beginning and ending		RE 1:30	RB 2:30			RE 5:50		RB 7:05 RE 7:20				
Amounts of precipitation	.02	T	T	T	T	T		T				
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0	0.1	0	0	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	17	20	18	18	15	12	12	12	10	9	10

Sunset: Time, 6:51 Character, Cloudy
Moonset: 3:39a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

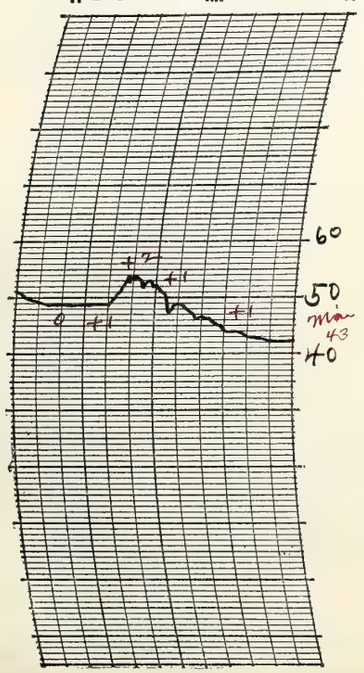
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.0 Possible sunshine, hours, 144
Per cent of possible sunshine, 2
Prevailing wind direction, W Total wind, 269
Average hourly velocity, 11.2 Extreme velocity, 27
Maximum velocity, 25 Direction, W
Time began, 4:00 P.M.
Reduced barometer, 29.65 7 a. m. 29.69 7 p. m.
River gage, 2.4 fall
Relative humidity, 94 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.9 Wet temperature, 48.1
Dew-point, 43 R. humidity, 71 V. pressure, .277
Clouds: Amount, 3; Kind, Cu Cu Nb Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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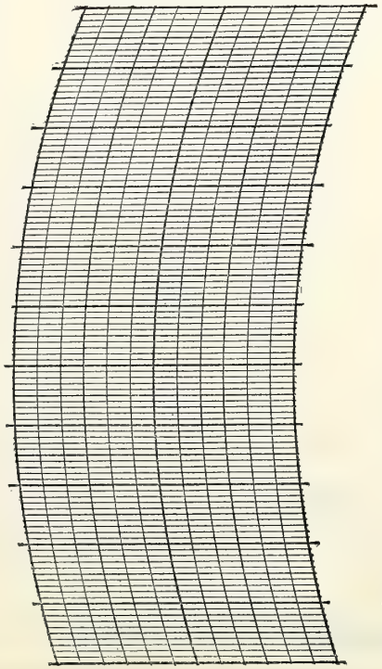

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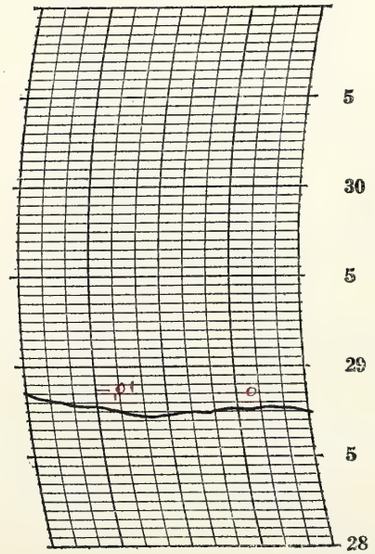


Prepared by OEP

Verified by P. McDonough

8—486

NOTES

The sky was mostly cloudy with several light showers. It continued heavily overcast into the night.

The weather was rather cool for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 15 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	43	43	42	43	44	45	45	43	43
Nature of precipitation and time of beginning and ending						RB PR						
Amounts of precipitation						T	.01	.01	.01	T	T	.01
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	10	10	10	10	12	13	12	15	16	20	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	44	44	43	43	44	44	43	43	44
Nature of precipitation and time of beginning and ending	RE 12:05 RB 12:35	RE 1:10	RB 2:45									
Amounts of precipitation	0.1	T	T	T	T	.01	0.1	0.1	0.1	T	T	T
Cloudiness and other conditions	Cloudy										Cloudy	
Sunshine (in tenths of hours)	0.5	0.2	0	0	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	21	22	20	23	20	18	14	14	16	18	15	15

State of weather.

Sunrise: Time, 4:23 Character, Cloudy

Moonrise: 5:52p Cloudy

Sunset: Time, 6:52 Character, Cloudy

Moonset: 4:03a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	42	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.7 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 5

Prevailing wind direction, W Total wind, 375

Average hourly velocity, 15.6 Extreme velocity, 30

Maximum velocity, 28 Direction, W

Time began, 1:02 p.m.

Reduced barometer, 29.65 7 a. m. 29.73 7 p. m.

River gage, 2.4 feet

Relative humidity, 90 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

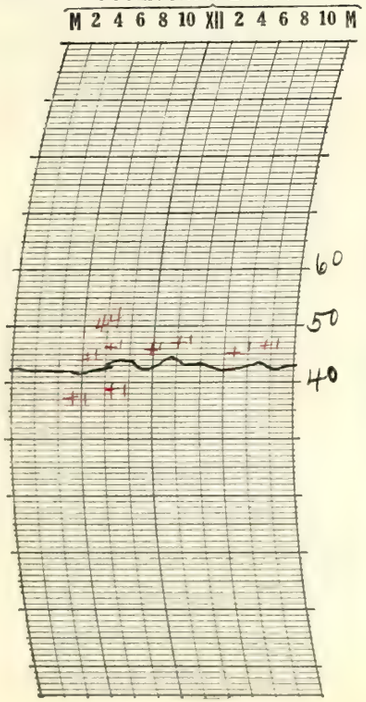
Dry temperature, 43.2 Wet temperature, 41.5

Dew-point, 40 R. humidity, 87 V. pressure, 247

Clouds: Amount, 10; Kind, Nb; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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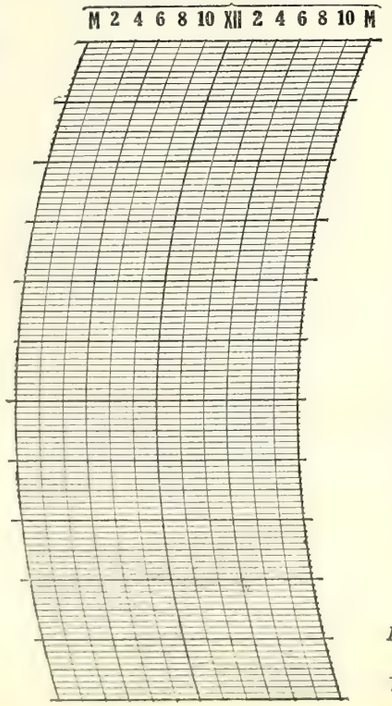

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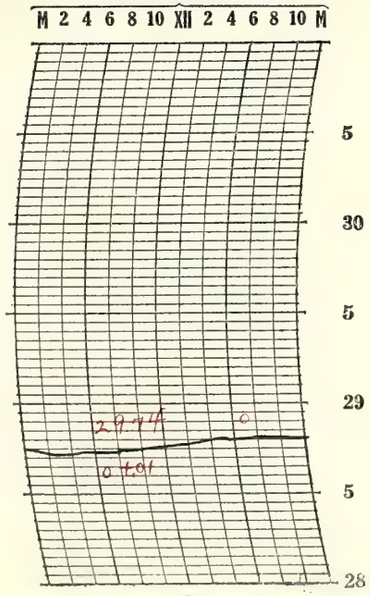


Prepared by O.G.R.

Verified by P. McDonough

8—486

NOTES

Light rain continued the greater part of the day and into the night.

The weather was cold, damp, and rather disagreeable. Strong winds from the west and northwest.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	41	41	41	43	45	48	48	49	50
State of weather: Nature of precipitation and time of beginning and ending	RE DR											
Amounts of precipitation	T											
Cloudiness and other conditions											Pt cloudy	
Sunrise: Time, Character,	4:22 Cloudy											
Moonrise:	6:55p Clear											
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	16	17	16	15	14	14	17	16	20	19	19	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	53	54	53	53	51	50	48	47	46	45	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunset: Time, Character,									6:52 Cloudy			
Moonset:									4:31a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.2					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	20	21	19	16	16	17	11	6	8	9	9	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

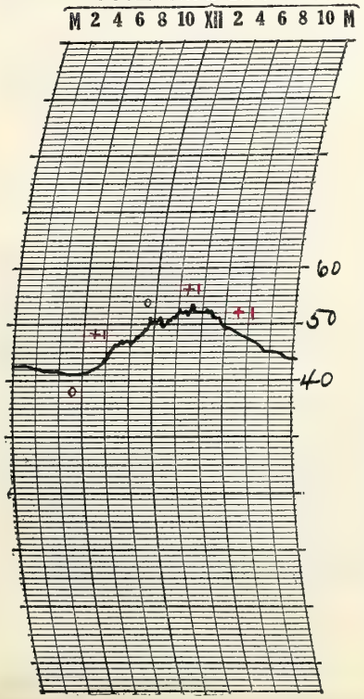
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	41	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase, Full - 1:08p
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.8 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 81
Prevailing wind direction, NW Total wind, 361
Average hourly velocity, 15.0 Extreme velocity, 26
Maximum velocity, 25 Direction, NW
Time began, 8:27 am
Reduced barometer, 29.81 7 a. m. 29.94 7 p. m.
River gage, 2.6 feet
Relative humidity, 80 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 44.5
Dew-point, 39 R. humidity, 65 V. pressure, 23.7
Clouds: Amount, 5; Kind, Ct cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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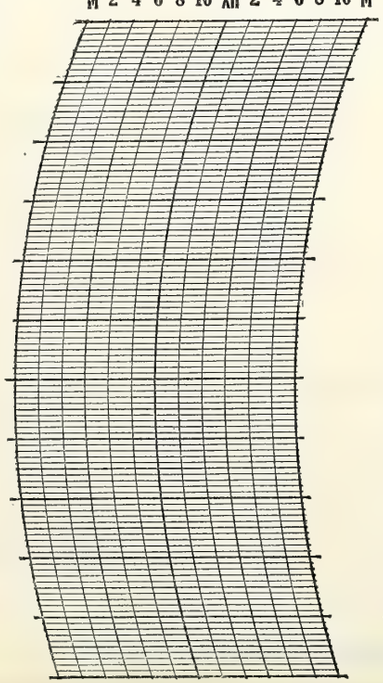

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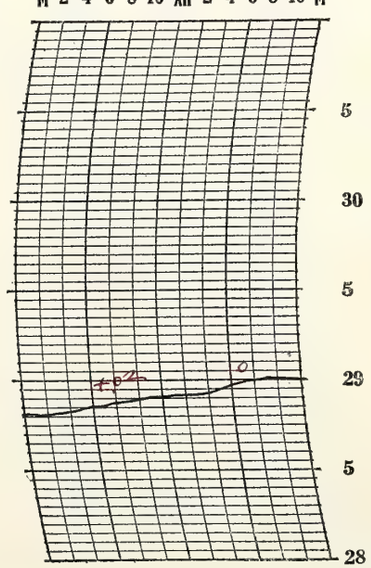


Prepared by O.E.K.

Verified by P. McDonough

8—485

NOTES

The light rain from the previous date ended in the early morning. The sky remained partly cloudy until late afternoon when it became mostly clear. Sunshine was recorded through the clouds most of the time. Clear into the night. Bright moonlight.

Temperatures considerably below the normal. The northwest wind was rather cool.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 17 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	41	40	40	43	47	54	58	62	64	66	66	65	69	67	66	66	65	63	61	59	58	59
Nature of precipitation and time of beginning and ending														RB 1:55	RE 2:05									
Amounts of precipitation														T	T									
Cloudiness and other conditions							Clear					Pt Cldy				Cloudy								
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0.9	1.0	1.0	0.4	0					
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	3	6	6	8	10	10	11	12	16	18	18	18	15	16	26	20	19	16	19	20	15	13	14
Maximum velocities (exceeding 29 miles) direction and time																32 SW 3:17								

Sunrise: Time, 4:21 Character, Clear
Moonrise: 7:57p Cloudy
Sunset: Time, 6:53 Character, Cloudy
Moonset: 5:02 a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

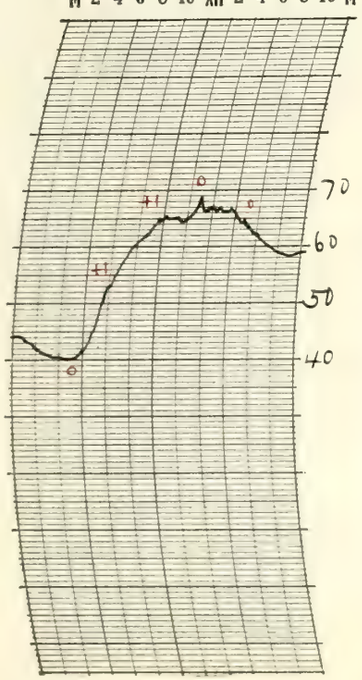
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	40	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.8 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 81
Prevailing wind direction, SW Total wind, 385
Average hourly velocity, 14.0 Extreme velocity, 35
Maximum velocity, 32 Direction, SW
Time began, 8:12 p.m.
Reduced barometer, 29.95 7 a.m. 29.65 7 p.m.
River gage, 2.3 fleet
Relative humidity, 69 7 a.m. 52 7 p.m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 65.5 Wet temperature, 52.8
Dew-point, 42 R. humidity, 42 V. pressure, .266
Clouds: Amount, 5; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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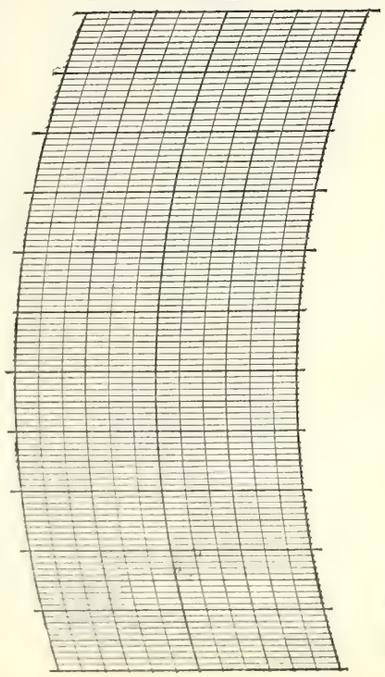
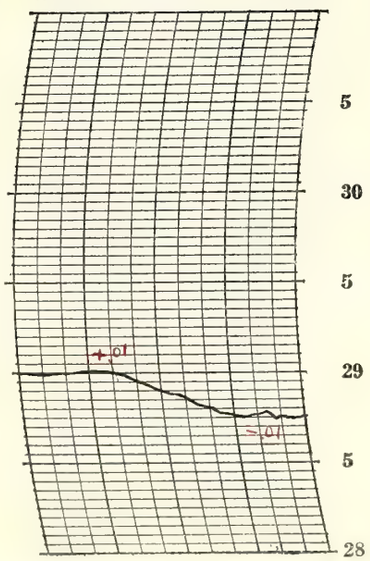


BAROGRAPH.



Prepared by O.A.P.

Verified by J. McDonough

8—486

NOTES

Light frost in the am. The sky was mostly clear during the forenoon. The cloudiness increased rapidly about noon and it was mostly cloudy during the afternoon and into the night. A light sprinkle of rain occurred about 2:00 p.m. Strong S.W. wind. The temperature rose rapidly from early morning but the average was below normal. The weather was rather pleasant.

Solar halo, 22° radius, observed 6:20 am. Parhelion at left of sun 6:20 am to about 7:15 am. Halo continued at intervals till about 12:00 noon. It was brightly colored with the circle complete at times.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	57	57	58	59	60	64	64	62
Nature of precipitation and time of beginning and ending			RB DN	--	--	--	RE 6:20	RB 7:55	RE 8:10			RB 11:30 RE 11:35
Amounts of precipitation			T	.06	.09	.10	T	T	T			T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.3	0.6	0.5	0
Wind direction	SW	SW	SW	SW	SW	SW	S	SE	NW	W	NW	N
Wind movement	12	9	7	9	9	8	7	3	5	5	5	7

Sunrise: Time, 4:20 Character, Cloudy
Moonrise: 8:59p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	63	64	63	62	61	60	55	53	52	51	50
Nature of precipitation and time of beginning and ending				RB 3:30	--	--	--	--	--	--	RE DN	
Amounts of precipitation				T	.11	.30	.37	.30	.17	.09	T	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	1.0	0.9	0.2	0	0	0					
Wind direction	NE	NE	E	SE	E	E	E	E	E	E	NE	NE
Wind movement	7	7	5	5	6	7	10	16	17	15	17	16

Sunset: Time, 6:54 Character, Cloudy
Moonset: 5:39a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

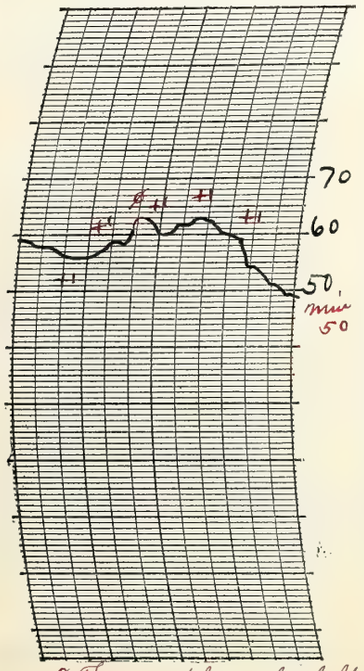
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	50	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .25 ins.; to 7 p. m., .64 ins.
Total precipitation, midnight to midnight, 1.59 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 3.6 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 24
Prevailing wind direction, E Total wind, 214
Average hourly velocity, 8.9 Extreme velocity, 24
Maximum velocity, 24 Direction, E
Time began, 8:00 p.m.
Reduced barometer, 29.607 a. m. 29.687 p. m.
River gage, 2.5 feet
Relative humidity, 96 7a. m. 97 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.7 Wet temperature, 60.2
Dew-point, 60 R. humidity, 92 V. pressure, 15.17
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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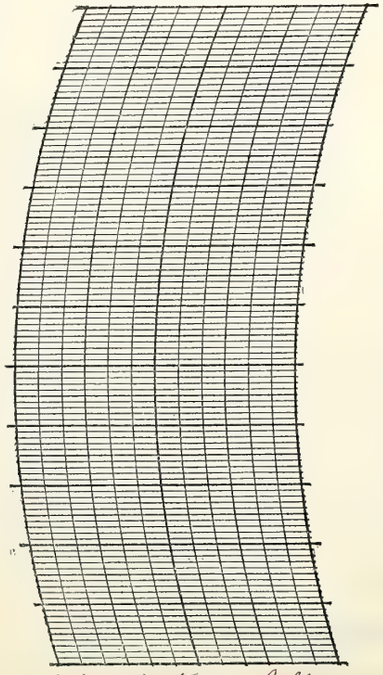
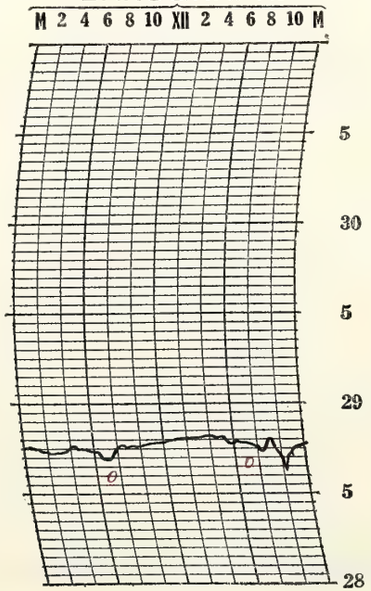


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—48

NOTES

A thunderstorm accompanied by light rain occurred from 4:20 am to 6:20 am. The rain began sometime before the thunder was heard. Light sprinkles occurred during the forenoon. Sunshine was recorded at intervals through the clouds. A moderately heavy rain began at 3:30 p.m. and continued into the night. A second thunderstorm began 5:45 p.m. and continued into the night — considerable lightning at intervals. The barometer fluctuated somewhat in the morning and again at night.

The temperature was high during the morning but it cooled off somewhat at night.

* Thermograph out of shelter while painting shelter; temperature by eye reading.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 19 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	47	47	47	48	48	49	50	51	54	54	55	56	57	57	59	58	57	55	52	50	49
State of weather: Nature of precipitation and time of beginning and ending							RB 6:15	- -	- -	RE 9:35														
Amounts of precipitation							T	T	T	T														
Cloudiness and other conditions												Cloudy				×			Pt Cldy		×	Clear		
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.6	0.2	0	0	0.2	0.1	0.9	0.6	0					
Wind direction	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NW	NW	NW	N	N	N	N	NE	NW	NW	NW	NW
Wind movement	11	10	9	9	9	7	8	8	8	6	2	4	8	10	10	7	5	5	2	2	6	4	4	3

Sunrise: Time, 4:19 Character, Cloudy
Moonrise: 9:58p Clear
Sunset: Time, 6:55 Character, Cloudy
Moonset: 6:23a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

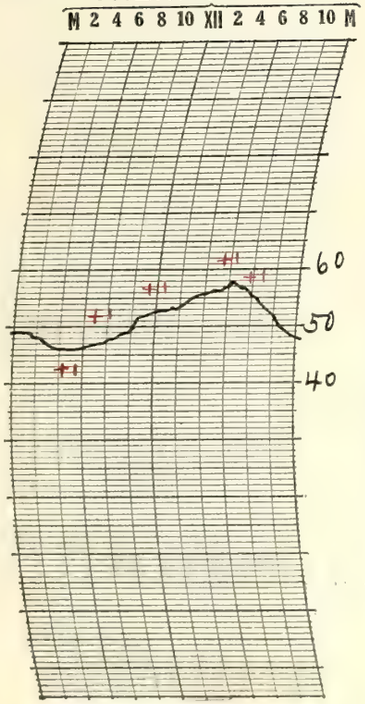
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	47	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .70 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.6 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 18
Prevailing wind direction, NE Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 12:10 am.
Reduced barometer, 29.79 7 a. m. 29.95 7 p. m.
River gage, 8.8 feet
Relative humidity, 94 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.8 Wet temperature, 52.1
Dew-point, 50 R. humidity, 90 V. pressure, 360
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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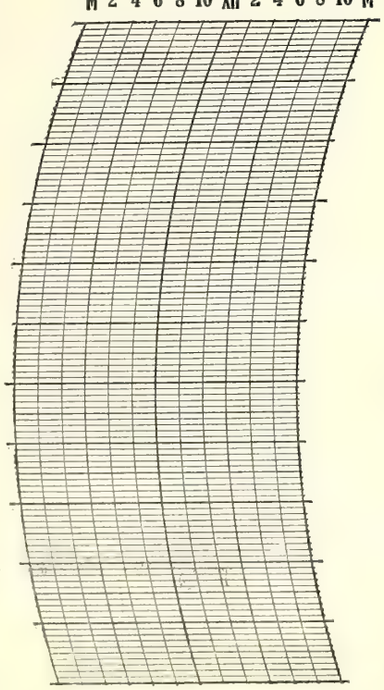

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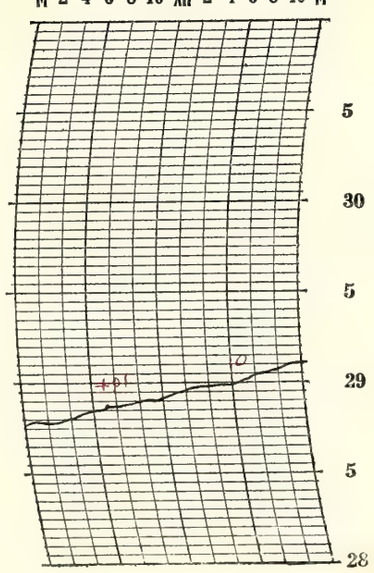


Prepared by DEP.
Verified by F. McDonough

8—486

NOTES

A light, misting rain occurred in the forenoon. The sky continued mostly overcast until late in the afternoon when the clouds broke up somewhat. The sky was clear late at night. Stars bright.
Temperatures below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 20 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	49	49	47	47	48	48	51	54	56	59	60	62	64	64	63	62	61	59	57	55	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	? clear	?	<			Cloudy		×				Pt	Cloudy					×				Cloudy		>
Sunshine (in tenths of hours)					0	0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	NW	E	E	NE	NE	NE	E	NE	E	E	SE	E	E	E	SE	SE	E	E	E	E	E	NE	E	E
Wind movement	2	3	6	8	10	6	10	9	9	9	8	10	10	9	9	10	8	8	7	9	12	12	13	11

Sunrise: Time, 4:18 Character, Cloudy
Moonrise: 10:53p Cloudy
Sunset: Time, 6:56 Character, Cloudy
Moonset: 7:15a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

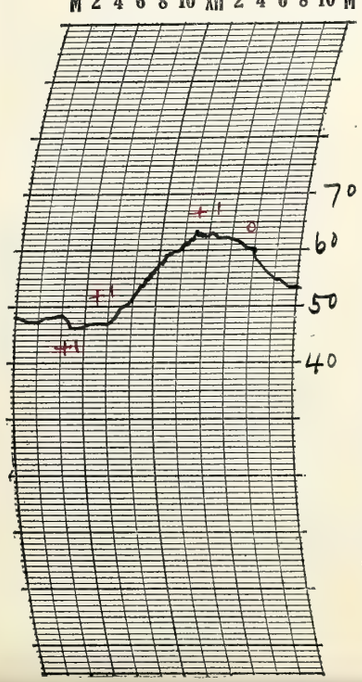
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	47	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.8 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 60
Prevailing wind direction, E Total wind, 208
Average hourly velocity, 8.7 Extreme velocity, 17
Maximum velocity, 16 Direction, E
Time began, 10:22 p.m.
Reduced barometer, 30.17 7 a. m. 30.13 7 p. m.
River gage, 10.1 feet
Relative humidity, 91 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 53.2
Dew-point, 48 R. humidity, 68 V. pressure, 334
Clouds: Amount, 4; Kind, St+Cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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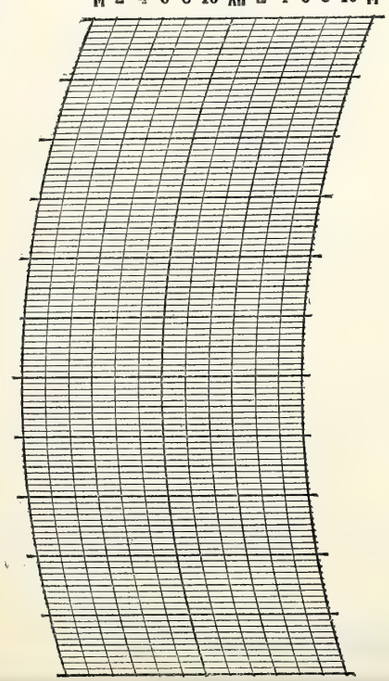

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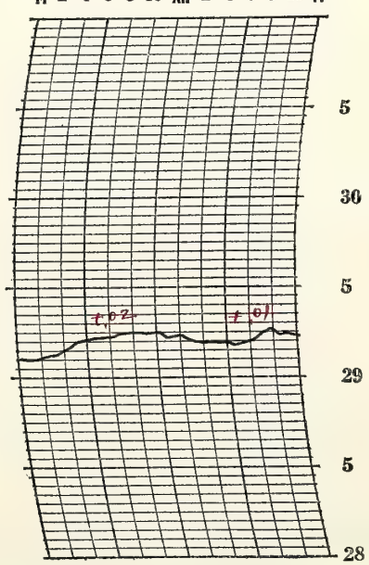


Prepared by O.A.R.

Verified by R. McDonough

8—486

NOTES

The sky was cloudy in the early morning, partly cloudy during the day, and cloudy into the night. There appeared to be a light deposit of dew in early morning, and it is possible that the sky was clear until about 3:00 am or 4:00 am.

The weather was pleasant except that it was cool in the morning. The temperature averaged below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 21 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	52	51	52	56	62	67	73	78	82	84	87	86	85	85	84	82	79	78	76	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<						Clear										X	Cloudy		
Sunshine (in tenths of hours)					0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3					
Wind direction	E	E	E	E	E	E	E	E	SE	S	S	S	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	S
Wind movement	9	7	5	7	7	7	5	4	4	5	4	6	7	9	12	11	8	7	7	6	6	5	4	5

Sunrise: Time, 4:18 Character, Cloudy
Moonrise: 11:41p Cloudy?
Sunset: Time, 6:57 Character, Cloudy
Moonset: 8:13a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

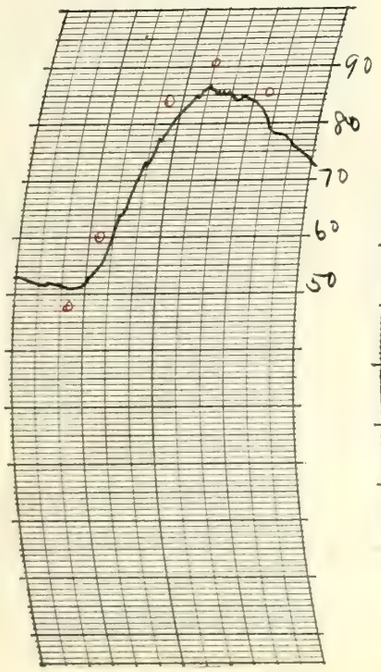
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	51	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.7 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 87
Prevailing wind direction, E-S Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 16
Maximum velocity, 16 Direction, S
Time began, 3:12 P.M.
Reduced barometer, 30.19 7 a. m. 30.16 7 p. m.
River gage, 9.8 feet
Relative humidity, 79 7 a. m. 62 7 p. m.

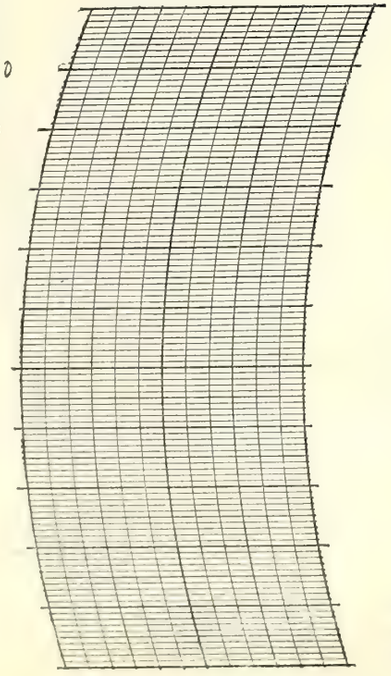
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.3 Wet temperature, 71.3
Dew-point, 66 R. humidity, 58 V. pressure, 638
Clouds: Amount, 2; Kind, Ast; Direction, SW
Velocity of clouds (miles per hour)

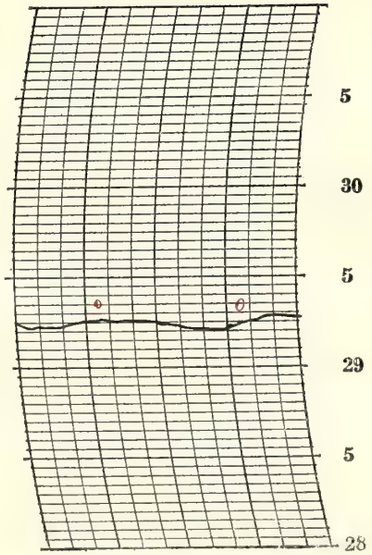
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



NOTES

It was mostly clear all day although a small amount of upper clouds prevailed. Mostly cloudy into the night. The temperature rose rapidly from early morning and it was quite warm in the afternoon.

Prepared by O.W.S.

Verified by P. McDonough

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 22 1927, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	70	70	69	69	70	71	74	75	77	80	78	77	75	77	77	77	77	76	74	73	69	68	69
State of weather: Nature of precipitation and time of beginning and ending														RB 1:00 RE 1:35					RB 6:05 RE 6:25		RB 8:30		RE DR	
Amounts of precipitation														T					T		.02	.13	T	
Cloudiness and other conditions						Cloudy					Pt cldy						Cloudy							
Sunshine (in tenths of hours)					0	0.6	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	S	S	S	S	S	S	SW	SW	S	SW	SW	SW	W	SW	SW	SE	SE	SE	SE	SE	S	S	SE	S
Wind movement	5	6	5	6	4	7	7	8	7	8	12	13	10	6	5	5	6	5	7	6	9	11	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:17; Character, Cloudy. Moonrise: — —

Sunset: Time, 6:58; Character, Cloudy. Moonset: 9:19a; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

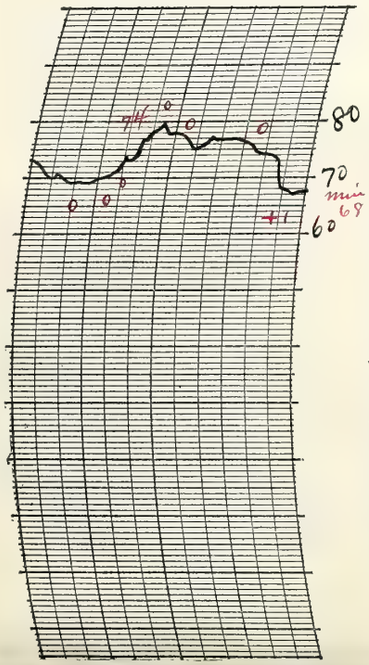
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	68	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Pt cloudy. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.8 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 73
Prevailing wind direction, S Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 21
Maximum velocity, 19 Direction, SW
Time began, 11:09 am
Reduced barometer, 30.24 7 a. m. 30.09 7 p. m.
River gage, 9.7 feet
Relative humidity, 79 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 78.3 Wet temperature, 69.1
Dew-point, 65 R. humidity, 63 V. pressure, .616
Clouds: Amount, 6; Kind, ast; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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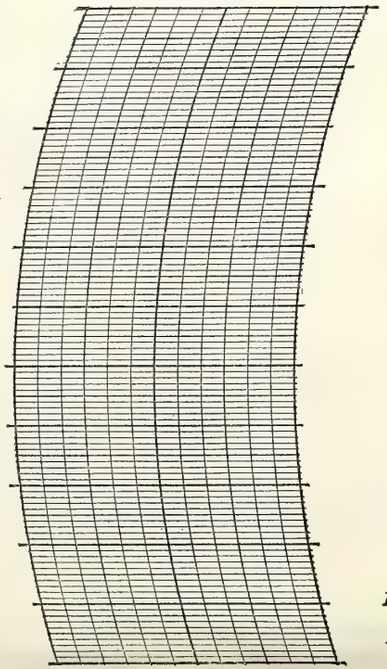
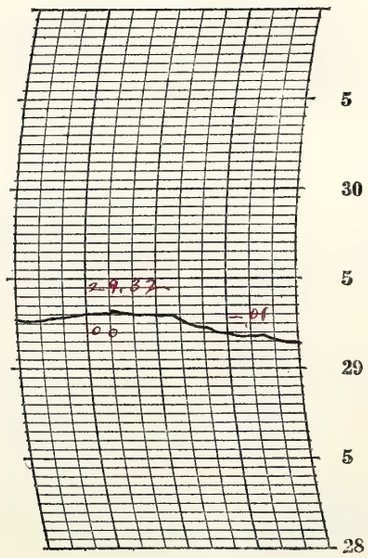


BAROGRAPH.



Prepared by OGP.

Verified by P. McDonough — OGP

NOTES

The day was partly cloudy but with considerable sunshine. Light sprinkles of rain occurred in the afternoon and evening and a more moderate rainfall at night.

It was warm and rather sultry all day.

Solar halo, 22° radius, observed 2:25 p.m. for a few minutes.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 23 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	69	69	70	70	71	72	73	74	76	70	62	65	66	68	66	65	65	65	64	64
State of weather: Nature of precipitation and time of beginning and ending					RB DR	--	--	RE 7:30						RB 1:34	--	--	RE 4:15							
Amounts of precipitation					T	T	T	.01						.21	.01	.02	T							
Cloudiness and other conditions					Cloudy																Clear			?

Sunrise: Time, 4:16 Character, Cloudy
Moonrise: 12:22a Cloudy
Sunset: Time, 6:59 Character, Cloudy
Moonset: 10:29a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.4	0.3	0.4	0.6	0.9	1.0	0.6	0	0	0	0.2	0					
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	W	SW	SW	SW	SW	SW	SW
Wind movement	9	12	12	11	14	13	13	12	13	17	15	17	18	23	11	15	19	12	5	5	3	5	9	8
Maximum velocities (exceeding 29 miles) direction and time														39 W 1:38										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

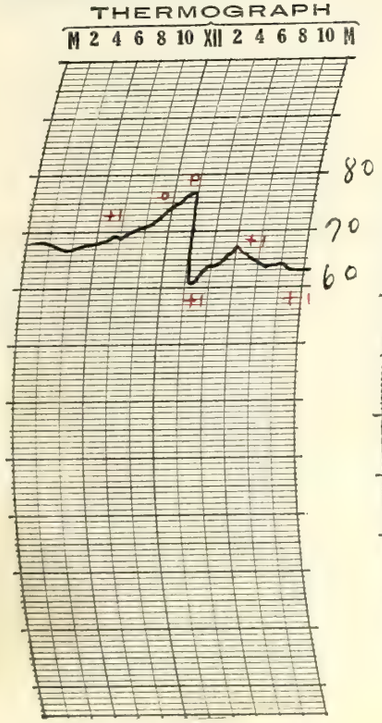
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	61	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., .25 ins.
Total precipitation, midnight to midnight, .25 inches.
Character of day, Cloudy Moon phase, Last Quarter 11:34 p.m.
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.4 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 30
Prevailing wind direction, SW Total wind, 291
Average hourly velocity, 12.1 Extreme velocity, 48
Maximum velocity, 39 Direction, W
Time began, 1:38 p.m.
Reduced barometer, 29.92 7 a. m. 29.79 7 p. m.
River gage, 9.9 feet
Relative humidity, 92 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.4 Wet temperature, 70.6
Dew-point, 69 R. humidity, 83 V. pressure, .707
Clouds: Amount, 9; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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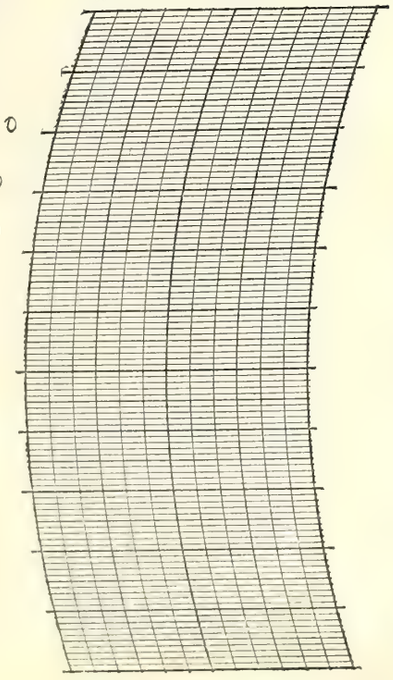
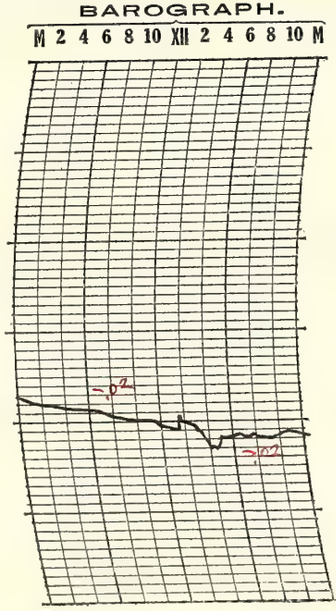


BAROGRAPH.



Prepared by C. E. P.

Verified by P. M. McDonough

NOTES

A light rain occurred in the morning and a thunderstorm accompanied by a brisk shower occurred in the afternoon. Thunderstorm began 1:36 p.m. and ended 2:10 p.m. The high wind at 1:38 p.m. caused some damage to trees, windows, etc and wires. The lightning interrupted services on telephone and electric power lines. The sky cleared somewhat at night. Stars bright.

The temperatures were moderate but fell several degrees during the thunderstorm.

Solar Halo, 22° radius, observed at 6:00 p.m. for a few minutes. Bright above sun.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 24 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	65	64	66	67	68	69	70	73	77
Nature of precipitation and time of beginning and ending				RB DN	- - - -	- - - -	RE 6:10					
Amounts of precipitation				T	.11	.02	.01					
Cloudiness and other conditions							Cloudy					Cldy

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	78	75	70	66	66	64	64	63	62	63
Nature of precipitation and time of beginning and ending				RB 3:20	- - - -	RE 5:55						RB RE DN
Amounts of precipitation				.02	.50	.14						T
Cloudiness and other conditions	Cldy					Cloudy						

State of weather.

Sunrise: Time, 4:15 Character, Cloudy
Moonrise: 12:58a ?

Sunset: Time, 7:00 Character, Cloudy
Moonset: 11:40a Cloudy

Sunshine (in tenths of hours)					0	0	0.2	0.6	0.8	1.0	1.0	0.8	1.0	0.7	0	0	0	0	0					
Wind direction	SW	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	8	8	8	10	8	6	10	12	14	10	8	11	11	12	14	13	10	5	6	11	11	11	11	13
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	62	71	

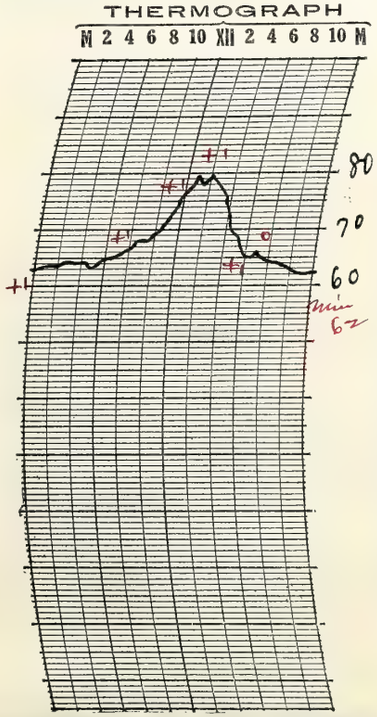
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .66 ins.
Total precipitation, midnight to midnight, .80 inches.
Character of day, Pt cloudy Moon phase, Last Quarter
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.1 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 41
Prevailing wind direction, SW Total wind, 241
Average hourly velocity, 10.0 Extreme velocity, 23
Maximum velocity, 19 Direction, SW
Time began, 4:57 p.m.
Reduced barometer, 29.77 7 a. m. 29.607 p. m.
River gage, 10.0 feet
Relative humidity, 92 7 a. m. 95 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 3:20p.	5:55p	.66	4:40p	4:55p	.11	.06	.24	.39											

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.7 Wet temperature, 69.2
Dew-point, 66 R. humidity, 69 V. pressure, .638
Clouds: Amount, 2; Kind, Acu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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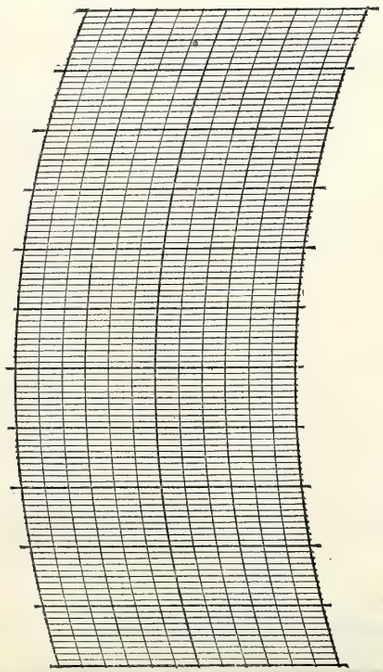
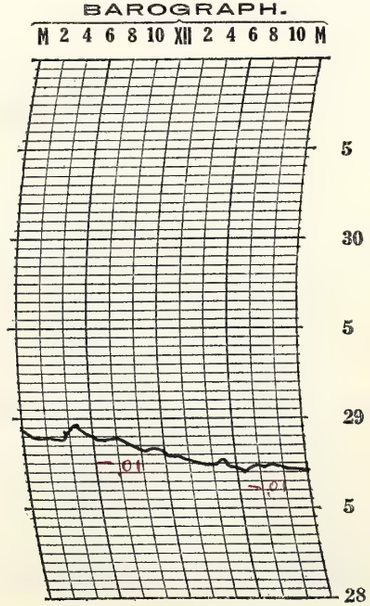


BAROGRAPH.



Prepared by O.R.

Verified by P. McDonough O.R.

NOTES

A thunderstorm began 3:50 am and ended 6:10 am. It was accompanied by light rain. A second thunderstorm began at 3:33 p.m. and ended 5:55 p.m. It was accompanied by a heavy downpour for a few minutes. The sky continued heavily overcast into the night. Light showers late at night.

The temperature rose rapidly in the forenoon and fell rapidly during the shower in the afternoon.

Some streets were flooded during the storm in the afternoon and street car service on some lines was interrupted for a short while.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 25 1927, 192

Time (local standard) 0 0 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	60	60	60	61	63	64	65	65	67
Nature of precipitation and time of beginning and ending			RB PN		RE PN							
Amounts of precipitation			T	.02	T							
Cloudiness and other conditions			? Cloudy			X				Clear		
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	12	17	16	8	8	10	9	13	16	18	19	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	70	68	58	63	62	61	61	59	59	57
Nature of precipitation and time of beginning and ending			RB 2:18 RE 2:20	RB 3:34	RE 4:35			RB 7:15 RE 7:35				
Amounts of precipitation			T	T	.05			T				
Cloudiness and other conditions			X Cldy	X Cldy	X Cldy	Clear	X	Cldy	X	Clear		?
Sunshine (in tenths of hours)	0.7	1.0	0.7	0.2	0	0	0	0				
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	16	19	20	21	14	10	11	7	9	10	11

Sunrise: Time, 4:15 Character, Cloudy
Moonrise: 1:30 a Cloudy
Sunset: Time, 7:01 Character, Cloudy
Moonset: 12:52 p Clear

Maximum velocities (exceeding 29 miles) direction and time: 31 W 4:00

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.3 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 56
Prevailing wind direction, W Total wind, 327
Average hourly velocity, 13.6 Extreme velocity, 33
Maximum velocity, 31 Direction, W
Time began, 4:00 p.m.
Reduced barometer, 29.69 7 a. m. 29.67 7 p. m.
River gage, 13.5 fall
Relative humidity, 66 7 a. m. 79 7 p. m.

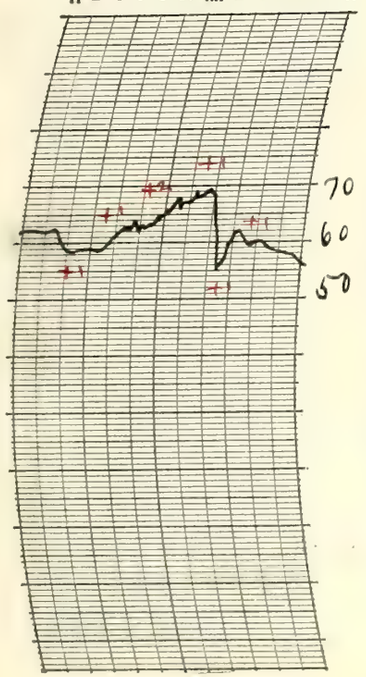
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.6 Wet temperature, 54.3
Dew-point, 44 R. humidity, 44 V. pressure, .287
Clouds: Amount, 1; Kind, ~~St cu~~ Ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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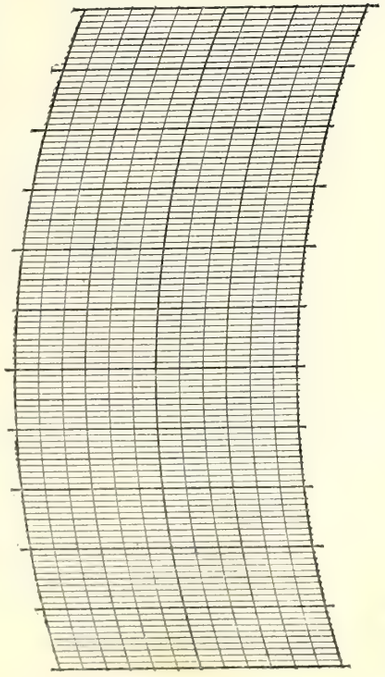
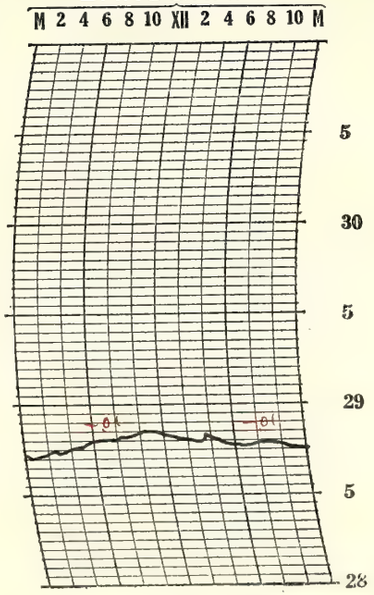


BAROGRAPH.



Prepared by C.E.R.

Verified by P. McDonough

NOTES

A light shower occurred in the early morning. The sky was mostly clear during the forenoon and until about three o'clock in the afternoon. Light showers occurred in the afternoon and evening. A thunderstorm began 3:42 p.m. and ended 4:35 p.m. The sky was mostly clear late at night.

The temperature averaged about normal.

Portion of rainbow observed 4:33 p.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	56	55	55	55	55	55	55	57	57	57
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30 RE 6:35					
Amounts of precipitation							T					
Cloudiness and other conditions						Cloudy					Pt cloudy	
Sunrise: Time, Character, 4:14 Cloudy												
Moonrise: 2:00a Cloudy?												
Sunshine (in tenths of hours)					0	0	0	0	0.2	0.8	1.0	0.8
Wind direction	SW	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	9	9	10	10	11	15	16	18	21	21	23	20
Maximum velocities (exceeding 29 miles) direction and time									30 NW 8:48			

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	56	56	56	55	54	53	52	51	48	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt cloudy								Clear			
Sunset: Time, Character, 7:02 Cloudy												
Moonset: 2:06p Cloudy												
Sunshine (in tenths of hours)	0.7	0.5	0.4	0.6	1.0	0.6	0.1	0				
Wind direction	NW	NW	NW	NW	NW	N	N	N	NE	NE	NE	N
Wind movement	20	21	18	20	17	12	6	3	4	2	4	4

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	47	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.7 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 45
Prevailing wind direction, NW Total wind, 314
Average hourly velocity, 13.1 Extreme velocity, 33
Maximum velocity, 30 Direction, NW
Time began, 8:48 am
Reduced barometer, 29.77 7 a. m. 30.01 7 p. m.
River gage, 12.1 feet
Relative humidity, 76 7 a. m. 65 7 p. m.

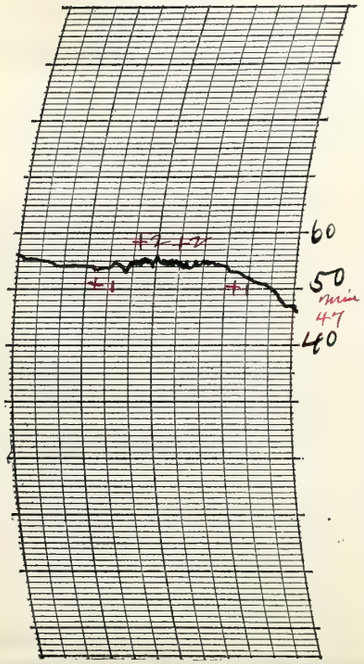
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 57.2 Wet temperature, 50.0
Dew-point, 44 R. humidity, 60 V. pressure, 2.87
Clouds: Amount, 4; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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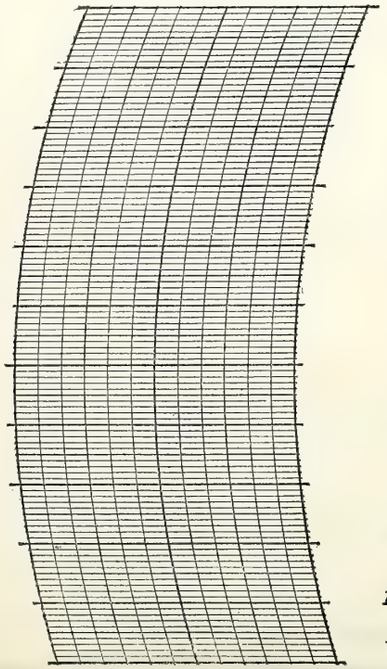
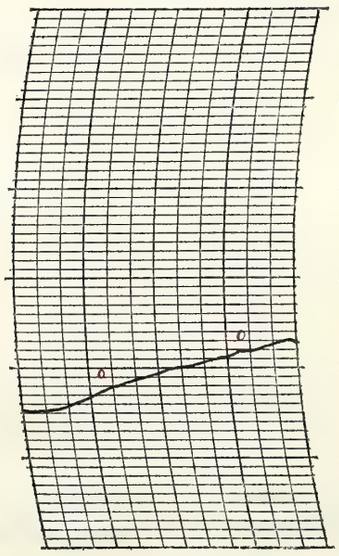


BAROGRAPH.



Prepared by O.W.R.

Verified by P. McDonough-O.W.R.

8—486

NOTES

A light shower occurred in the morning. The sky remained partly most of the day. It was mostly clear into the night. Stars visible.

Rather cool for the season. Strong northwest wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTUI
DAILY LOCAL RE

Friday May 27, 1927.

Halo Phenomena.

Solar halo, 22 degrees radius, observed 5:40 am to 11:50 am. Parhelion at right of sun, 22 degrees, 5:50 am to 6:20 am. Solar halo, 46 degree radius, 10:35 am to 11:15 am. The circle of the 22 degree halo was complete and brightly colored at times. The 46 degree halo appeared as a wide band below the sun. Length of arc about 60 degrees. The band was about 20 degrees above the southern horizon. Towards the east end the band separated into two distinct portions forming what was probably a lower tangent arc, left, of the 46 degree halo. The spectrum colors from red to blue were quite distinct in different portions of the band.

circum-horizontal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	46	44	44	45	47	48	50	51	53	56	57	58	58	58	58	56	55	54	53	52	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear?	X					Pt cloudy						X			Cloudy					
Sunshine (in tenths of hours)					0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0	0				
Wind direction	NE	NE	E	E	E	E	E	E	E	SE	SE	E	E	SE	SE	SE	SE	E	E	E	E	E	E	E
Wind movement	5	6	5	6	5	6	6	7	10	7	8	11	11	9	9	8	8	9	11	9	10	9	11	9

Sunrise: Time, 4:13; Character, Cloudy. Moonrise: 2:29 a Clear.

Sunset: Time, 7:03; Character, Cloudy. Moonset: 3:20 p Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

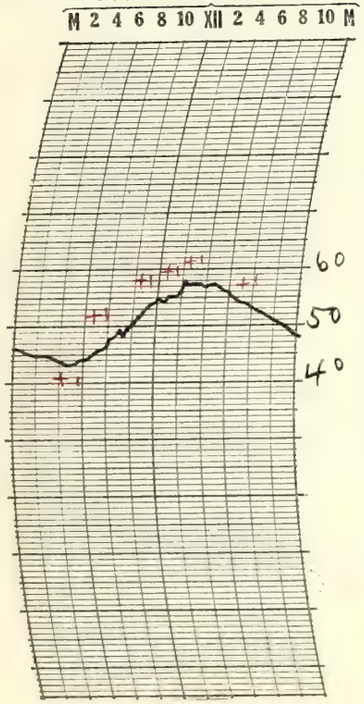
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 73
Prevailing wind direction, E Total wind, 195
Average hourly velocity, 8.1 Extreme velocity, 16
Maximum velocity, 16 Direction, E
Time began, 12:45 P.M.
Reduced barometer, 30.15 7 a. m. 29.94 7 p. m.
River gage, 9.1 feet
Relative humidity, 56 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 56.0 Wet temperature, 46.2
Dew-point, 33 R. humidity, 46 V. pressure, .203
Clouds: Amount, 5; Kind, aSt; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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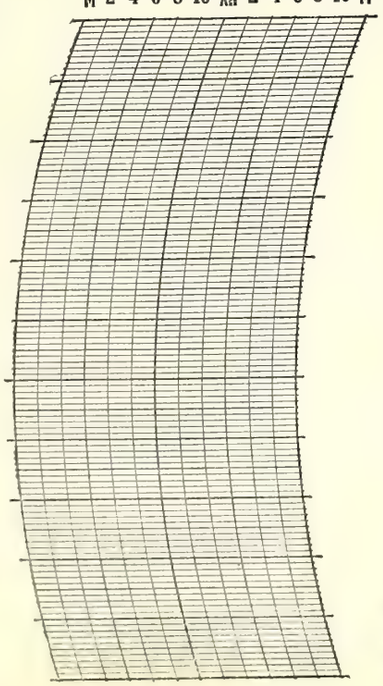
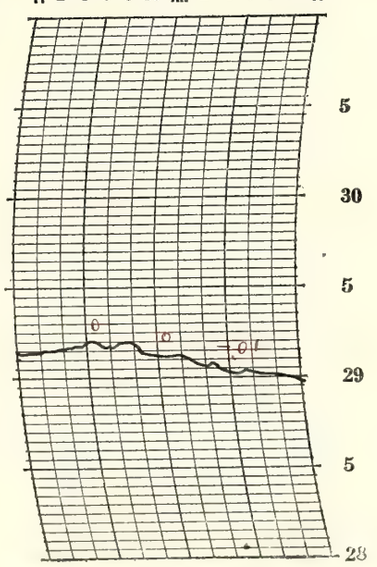


BAROGRAPH.



Prepared by O.G.K.

Verified by O.G. Russell

8—486

NOTES

There was a light deposit of dew and the sky was probably clear in the early morning. It was partly cloudy during the forenoon and until about 3:00 p.m. Considerable sunshine was recorded through the thin upper clouds. It became mostly overcast after 3:00 p.m. and continued heavily clouded into the night.

Rather cool for the season.

Chicago called for 2:00 p.m. (75 mi) Special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	47	47	46	45	48	51	53	57	59	63	64	65	67	67	68	66	64	61	57	54	54	56
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:20 RE 5:35		RB 7:50		RE 9:30		RB DN
Amounts of precipitation																		T		T	T	.02		.01
Cloudiness and other conditions							Pt cloudy				Clear					Pt cloudy					Cloudy			

Sunrise: Time, 4:13; Character, Cloudy. Moonrise: 2:59a Cloudy?

Sunset: Time, 7:03; Character, Cloudy. Moonset: 4:35p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	E	E	SE	SE	E	E	E	E	NE	E	E
Wind movement	10	10	12	13	12	16	14	14	14	15	14	17	14	14	14	13	10	9	9	10	12	15	12	9
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.7; Possible sunshine, hours, 14.8
Per cent of possible sunshine, 72
Prevailing wind direction, E; Total wind, 302
Average hourly velocity, 12.6; Extreme velocity, 26
Maximum velocity, 23; Direction, E
Time began, 11:22 am.
Reduced barometer, 29.85 7 a. m. 29.71 7 p. m.
River gage, 7.2 feet
Relative humidity, 57 7 a. m. 51 7 p. m.

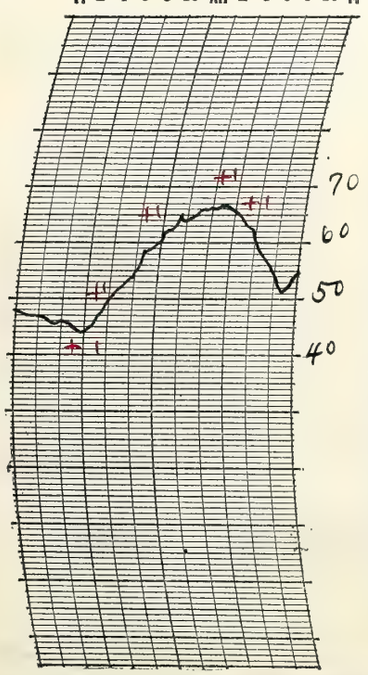
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 62.7; Wet temperature, 52.2
Dew-point, 43; R. humidity, 49; V. pressure, 277
Clouds: Amount, 3; Kind, acu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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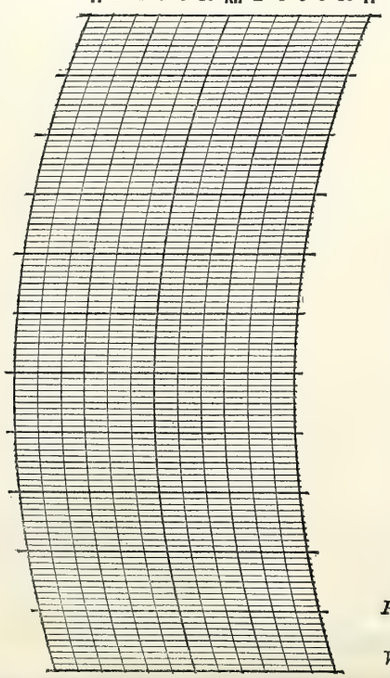
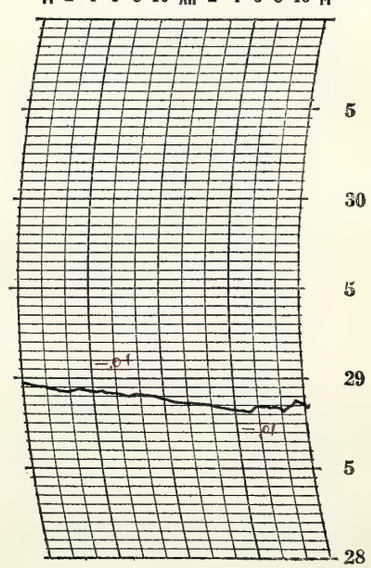


BAROGRAPH.



Prepared by O.A.R.

Verified by O.E. Russell

8—486

NOTES

The sky was partly cloudy the greater part of the day but there was considerable sunshine recorded. Light showers occurred in the late afternoon and at night. A thunderstorm moving from the southwest began 7:39 p.m. and ended 9:30 p.m.

It was rather cool in the morning but warmed up some during the day.

Solar halo, 22° radius, observed 5:30 am to about 10:00 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 29 1927, 192

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	52	53	54	53	53	57	62	68	71	73	74	76	75	75	76	72	70	69	64	62	59	59	59
State of weather: Nature of precipitation and time of beginning and ending		RE DK																						RB RE DK
Amounts of precipitation	29	T																						T
Cloudiness and other conditions	Cldy?		?				Clear				X	Pt cldy	X	Clear		X	Pt cldy	X	Clear			X	Cloudy	
Sunrise: Time, 4:12 Character, Cloudy																								
Moonrise: 3:32a Cloudy																								
Sunset: Time, 7:04 Character, Cloudy																								
Moonset: 5:50p Cloudy																								
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.4 0	0				
Wind direction	E	E	E	E	NE	NE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E
Wind movement	11	11	13	11	9	9	9	7	9	8	7	6	7	7	6	7	13	14	12	11	12	10	12	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 28" D N p.m.	29" D N am	.30	29" 12:45a	29" 12:51a	.03	.25	27 .26												

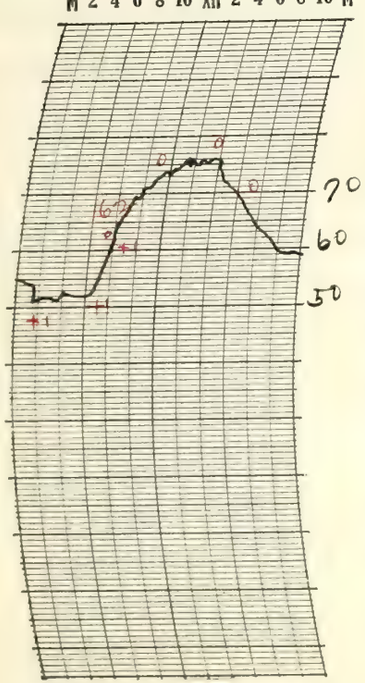
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .32 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .29 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.3 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 76
Prevailing wind direction, E Total wind, 231
Average hourly velocity, 9.6 Extreme velocity, 18
Maximum velocity, 17 Direction, E
Time began, 5:09 p.m.
Reduced barometer, 29.75 7 a. m. 29.82 7 p. m.
River gage, 5.9 fall
Relative humidity, 84 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.5 Wet temperature, 64.3
Dew-point, 59 R. humidity, 61 V. pressure, .499
Clouds: Amount, 4; Kind, cu; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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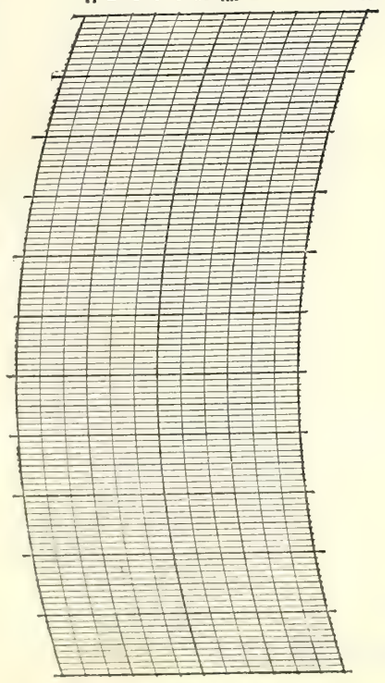
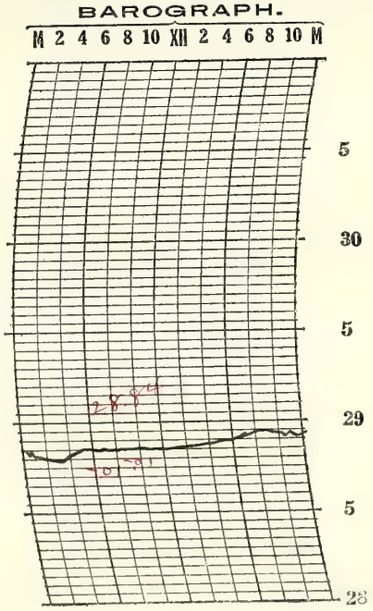


BAROGRAPH.



Prepared by O.R.

Verified by O.R. Russell

8—486

NOTES

A thunderstorm occurred during the early morning from about 12:30 am till after 1:00 am. There was considerable lightning. The rainfall was very heavy for about five minutes beginning at 12:45 am. The cloudiness varied considerably from time to time but the day as a whole was clear. It continued mostly clear for a while into the night but a light shower and thunderstorm occurred late at night.

The temperature rose rapidly from early morning and the weather was quite pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 30 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	59	58	58	58	60	61	62	66	73
State of weather: Nature of precipitation and time of beginning and ending					RB DN				RE 9:00			
Amounts of precipitation					T	.19	.03	T	T			
Cloudiness and other conditions							Cloudy			X	Pt cloudy	
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0.9	1.0
Wind direction	E	E	E	NE	E	E	E	NE	NE	NE	NE	NE
Wind movement	6	9	6	8	5	9	7	6	2	4	3	4

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	72	71	70	68	66	62	60	58	58	57
State of weather: Nature of precipitation and time of beginning and ending												RB RE DN
Amounts of precipitation												T
Cloudiness and other conditions					Cloudy	X	Clear			X	Cldy	
Sunshine (in tenths of hours)	0.2	1.0	1.0	0.4	0.3	0	0	0				
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	7	13	12	13	10	9	9	9	8	7	7	6

Sunrise: Time, 4:12 Character, Cloudy
Moonrise: 4:09 a Cloudy
Sunset: Time, 7:05 Character, Cloudy
Moonset: 7:04 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

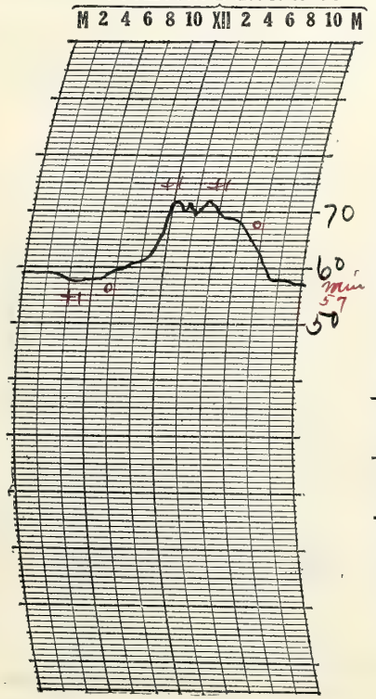
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	57	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .22 inches.
Character of day, Pt cloudy Moon phase, New - 3:06 p.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.0 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 34
Prevailing wind direction, NW Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 1:25 p.m.
Reduced barometer, 29.86 7 a. m. 30.01 7 p. m.
River gage, 5.2 feet
Relative humidity, 99 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.6 Wet temperature, 67.8
Dew-point, 66 R. humidity, 79 V. pressure, 638
Clouds: Amount, 5; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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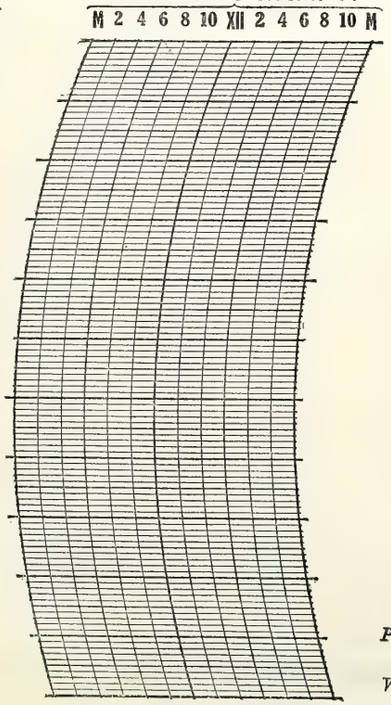
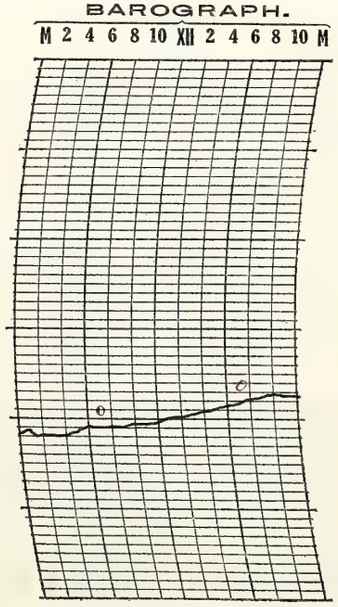


BAROGRAPH.



Prepared by O.G.R.

Verified by O.G. Russell

8—486

NOTES

A thunderstorm began 5:27 am and ended 9:00 am. A brisk shower occurred in the early morning and light misting rain continued till 9:00 am. The cloudiness varied considerably later in the day. It was clear for a while at night but it became cloudy later and a light sprinkle occurred late at night.

Moderate temperatures. The relative humidity was high all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 31 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	56	56	54	57	58	59	62	64	66	65	66	67	68	68	67	65	62	57	55	54	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					82 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0				
Wind direction	N	W	W	W	NW	NW	NW	NW	NW	N	N	NW	N	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	5	6	5	5	7	7	9	11	13	14	14	16	15	14	13	15	14	12	12	11	7	7	4	6

Sunrise: Time, 4:11 Character, Clear
Moonrise: 4:51a Clear
Sunset: Time, 7:06 Character, Clear
Moonset: 8:14p Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

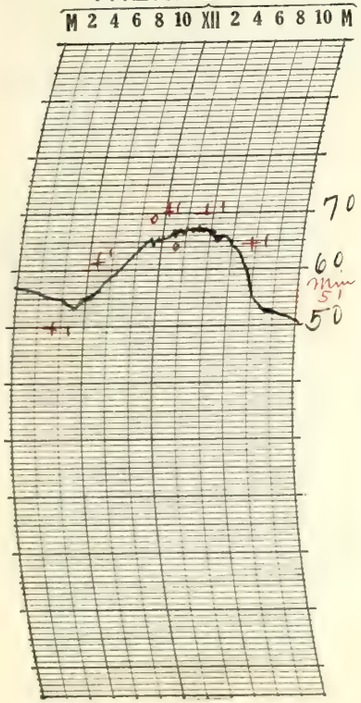
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100%
Prevailing wind direction, NW Total wind, 242
Average hourly velocity, 10.1 Extreme velocity, 21
Maximum velocity, 20 Direction, N
Time began, 11:35 am
Reduced barometer, 30.12 7 a. m. 30.12 7 p. m.
River gage, 5.9 fall
Relative humidity, 76 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.3 Wet temperature, 54.8
Dew-point, 46 R. humidity, 50 V. pressure, .310
Clouds: Amount, Few; Kind, St. Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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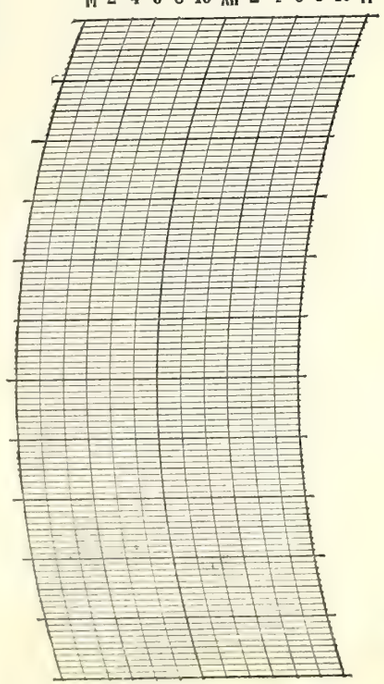
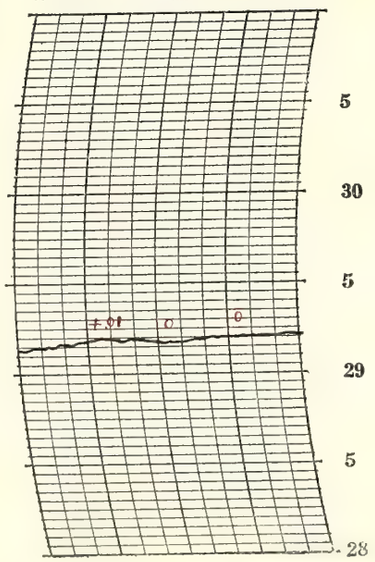


BAROGRAPH.



Prepared by O.E.R.

Verified by A.E. Rossell

8—486

NOTES

The sky was mostly clear all day. Cloudless into the night. Stars bright.
The temperature averaged below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 1 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	47	47	49	49	51	53	55	57	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt cloudy					
Sunrise: Time, 4:11 Character, Cloudy												
Moonrise: 5:14 a Cloudy												
Sunshine (in tenths of hours)					0.1	1.0	0.8	0.9	1.0	1.0	1.0	1.0
Wind direction	N	NE	NE	NE	NE	NE	E	NE	NE	NE	E	NE
Wind movement	7	7	5	4	5	6	8	7	8	10	10	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	62	63	64	63	63	62	60	58	57	56	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunset: Time, 7:07 Character, Cloudy												
Moonset: 9:17 p Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	NE	NE	E	NE	E	E	E	E	SE	SE	SE	SE
Wind movement	10	10	8	8	7	7	5	4	3	3	3	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	47	56	

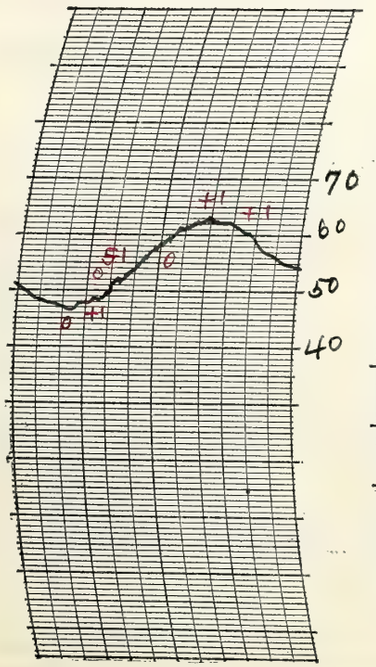
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.6 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 85
Prevailing wind direction, NE Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 9:53 am
Reduced barometer, 30.227 a. m. 30.11 7 p. m.
River gage, 5.6 feet
Relative humidity, 83 7 a. m. 53 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.7 Wet temperature, 50.4
Dew-point, 44 R. humidity, 60 V. pressure, .287
Clouds: Amount, Few; Kind, Stcu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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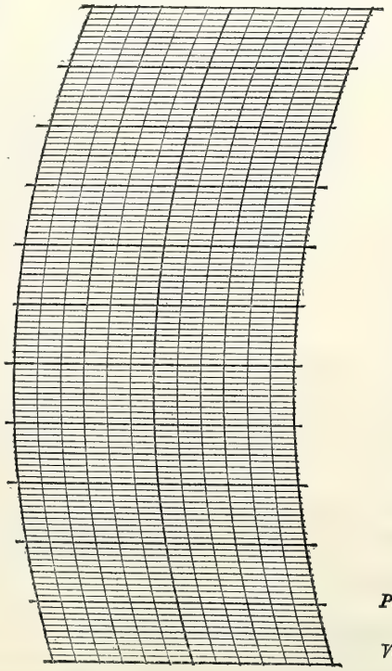
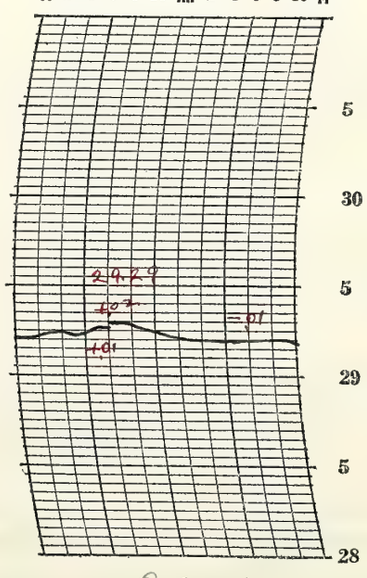


BAROGRAPH.



Prepared by O.E.K.

Verified by O E Russell

8—486

NOTES

It was partly cloudy for a while in the morning but the day as a whole was clear. Thin upper clouds prevailed into the night. Brighter stars visible.

It was cool for the season.

Solar halo, 22° radius, observed 5:30 am for a short while — parhelia appeared at right and left of sun. The same phenomena reappeared from 6:30 p.m. to about sundown, 7:07 p.m. Brightly colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	51	50	50	52	56	59	61	63	65	64	63	65	66	64	63	61	60	59	59	57	57	55
State of weather: Nature of precipitation and time of beginning and ending																				RB 8:30				RE DN
Amounts of precipitation																				T	T	T	T	T
Cloudiness and other conditions								Clear				Pt Cldy						Cloudy						
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0				
Wind direction	SE	SE	SE	SE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	2	2	3	4	4	4	7	8	7	9	10	9	8	9	9	7	6	4	5	3	2	4	5

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 6:37a Cloudy
Sunset: Time, 7:07 Character, Cloudy
Moonset: 10:11p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

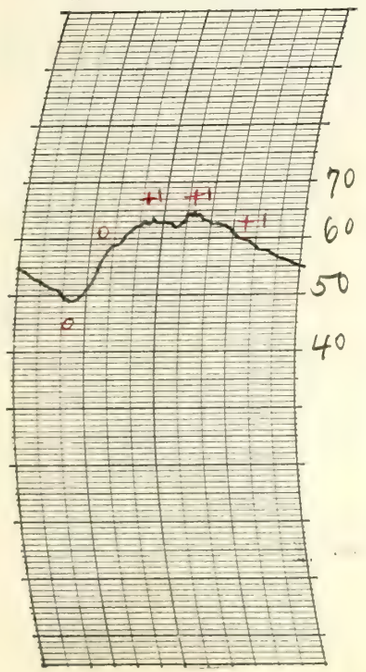
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 67
Prevailing wind direction, SE Total wind, 136
Average hourly velocity, 5.7 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 10:32 am
Reduced barometer, 30.10 7 a. m. 29.96 7 p. m.
River gage, 4.5 feet
Relative humidity, 62 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 63.8 Wet temperature, 52.6
Dew-point, 43 R. humidity, 47 V. pressure, 277
Clouds: Amount, 5; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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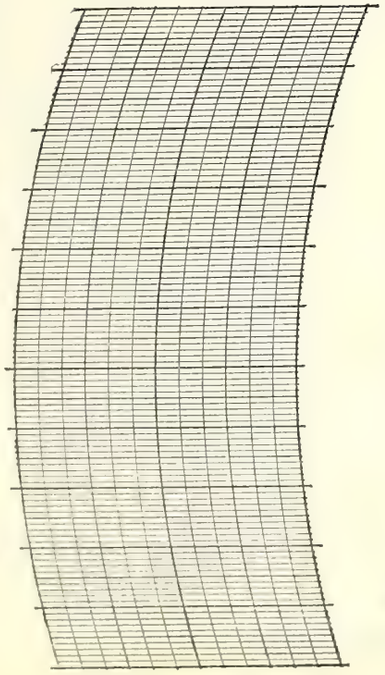

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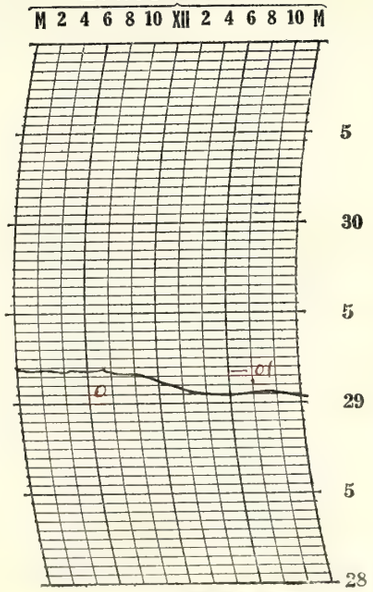


Prepared by C.E.R.

Verified by O.E. Russell

8—486

NOTES

The cloudiness increased from early morning and the day as a whole was partly cloudy. A light rain began at 8:30 p.m. and continued into the night.

The temperature continued below the seasonal average.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 3 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	53	53	57	60	63	67	59	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)					.83 0	0.5	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	NE	NE	NE	NE	NE	E	E	E	SE	SE
Wind movement	3	3	4	5	4	7	9	9	10	8	9	8

Sunrise: Time, 4:10 Character, Clear
Moonrise: 7:37a Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	72	72	71	71	69	67	67	66	66	65
State of weather: Nature of precipitation and time of beginning and ending							RB 6:20 RE 6:35				RB 10:45	
Amounts of precipitation							T				.01	.03
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0	0	0				
Wind direction	SE	SE	SE	SE	SE	S	SE	SE	SE	SE	SE	SE
Wind movement	8	8	8	7	7	5	6	6	5	5	7	8

Sunset: Time, 7:08 Character, Cloudy
Moonset: 10:57p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

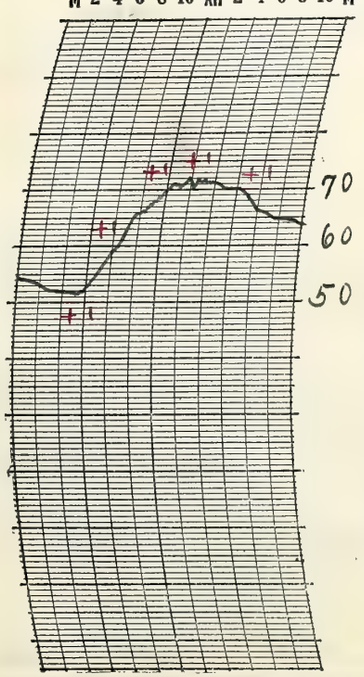
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.9 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 79
Prevailing wind direction, SE Total wind, 159
Average hourly velocity, 6.6 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 10:29 am
Reduced barometer, 29.997 7 a. m. 29.807 p. m.
River gage, 4.4 feet
Relative humidity, 73 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.9 Wet temperature, 56.2
Dew-point, 45 R. humidity, 41 V. pressure, .298
Clouds: Amount, 4; Kind, a st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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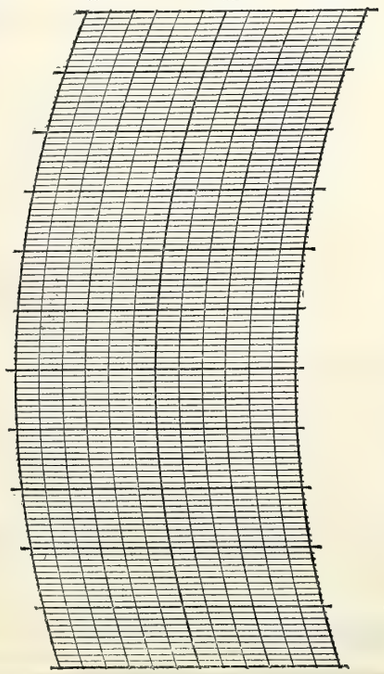

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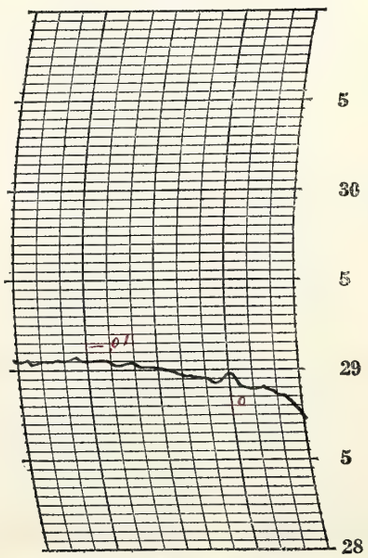


Prepared by O.W.R.

Verified by O.E. Russell

8—486

NOTES

The sky was mostly clear until late in the afternoon when it clouded up. A light sprinkle of rain occurred in the evening and a thunderstorm accompanied by rain began at 10:40 p.m. and continued past midnight.

The weather was quite pleasant although the temperature was still below the seasonal average.

Solar halo, 22° radius, observed 10:06 and till after 3:00 p.m. It was dim most of the time.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	60	60	60	61	66	68	67	68	69	69
State of weather: Nature of precipitation and time of beginning and ending					RE DN							
Amounts of precipitation	.30	.28	.02	.01	T							
Cloudiness and other conditions	←		Cldy			× Clear			× Pt Cldy			
Sunshine (in tenths of hours)					0	0	0.9	1.0	0.9	0.9	1.0	1.0
Wind direction	SE	S	N	SE	S	S	SW	SW	W	W	W	W
Wind movement	12	21	10	5	5	11	11	16	20	16	19	21
Maximum velocities (exceeding 22 miles) direction and time		31 1:33										

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	69	71	72	72	71	69	66	65	63	62	61
State of weather: Nature of precipitation and time of beginning and ending								RB 7:25	RE 8:25			
Amounts of precipitation								.17	.03			
Cloudiness and other conditions			×		Clear			Cldy	×		Clear →	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	W	W	W	NW	W	W	W	SW	W	W	W	W
Wind movement	21	20	19	18	15	10	6	7	11	6	6	9

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 8:39 a Cloudy

Sunset: Time, 7:09 Character, Cloudy
Moonset: 11:34 p Clear

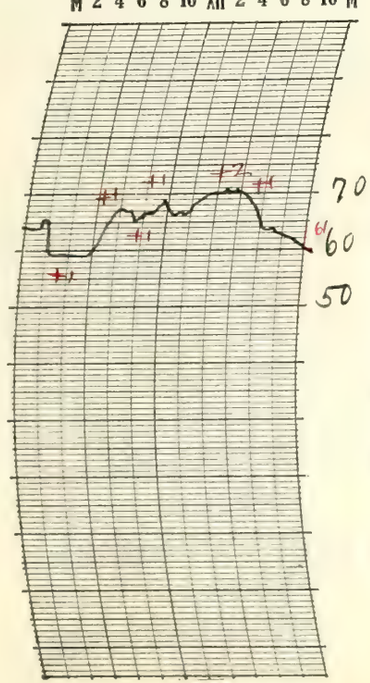
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	60	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .65 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .81 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.3 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 75
Prevailing wind direction, W Total wind, 315
Average hourly velocity, 13.1 Extreme velocity, 31
Maximum velocity, 31 Direction, S
Time began, 1:33 am
Reduced barometer, 29.553 7 a. m. 29.85 7 p. m.
River gage, 5.8 feet
Relative humidity, 84 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 68.9 Wet temperature, 62.1
Dew-point, 58 R. humidity, 69 V. pressure, 482
Clouds: Amount, 4; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH



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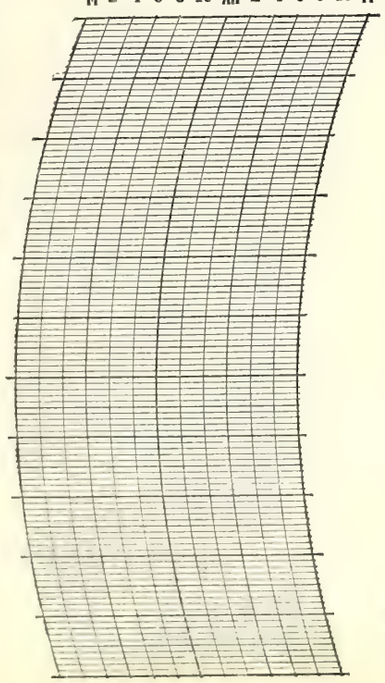
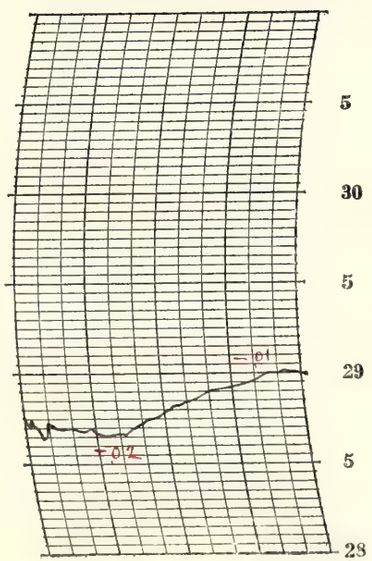


BAROGRAPH.



Prepared by E.H.S.

Verified by O.E. Russell

8—486

NOTES

A thunderstorm continued from the previous date and ended during the night am. It was accompanied by heavy showers. The cloudiness varied considerably but the day as a whole was partly cloudy. A thunderstorm accompanied by showers began 7:26 p. m. and ended 8:25 p. m. The sky was mostly clear late at night.

Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 5 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	56	54	54	53	53	53	53	57	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<		Hdy					
Sunshine (in tenths of hours)					0	0.4	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	8	7	10	12	10	13	15	15	16	18	19
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 9:43a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	60	61	59	59	58	54	53	52	50	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					>
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.4	.15 0				
Wind direction	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW
Wind movement	16	17	14	12	11	9	6	7	7	5	6	5
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 7:09 Character, Clear
Moonset: — —

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	49	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 88
Prevailing wind direction, NW Total wind, 267
Average hourly velocity, 11.1 Extreme velocity, 25
Maximum velocity, 24 Direction, NW
Time began, 11:37 am
Reduced barometer, 30.11 7 a. m. 30.27 7 p. m.
River gage, 12.7 feet
Relative humidity, 69 7 a. m. 46 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

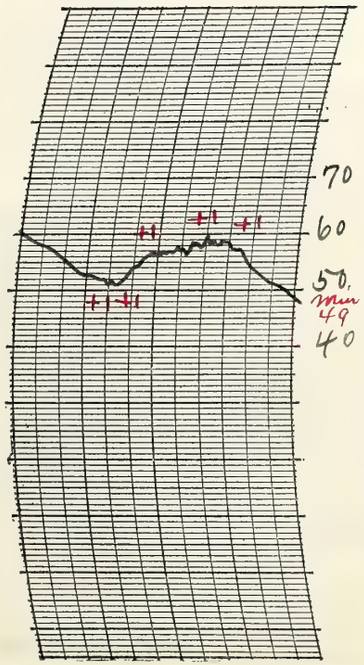
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.5 Wet temperature, 47.8
Dew-point, 38 R. humidity, 48 V. pressure, .228
Clouds: Amount, 3; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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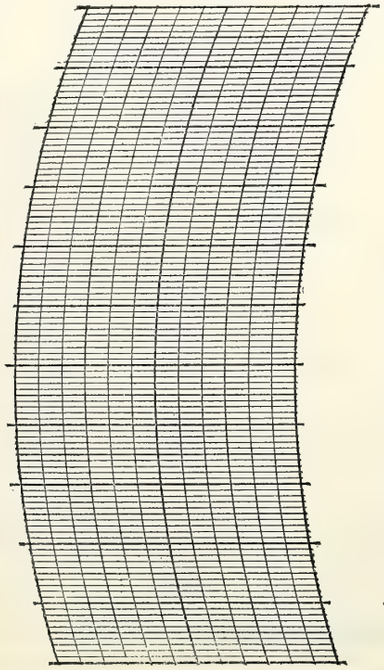
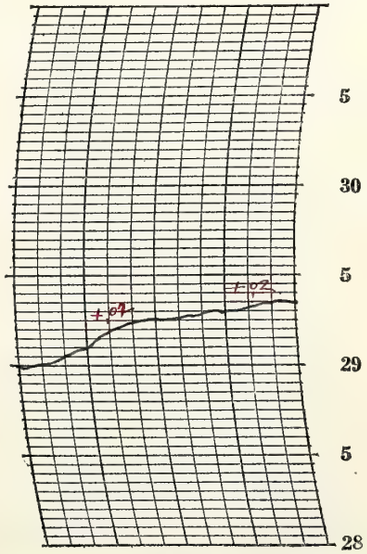


BAROGRAPH.



Prepared by O.G.R.

Verified by O.G.Russell

8—486

NOTES

More or less cloudiness continued all day and into the night. The sky was partly cloudy for a while in the early morning but after that it was mostly clear. New moon visible for a while in the evening. Stars bright between clouds.

Rather cool for the season.

The river rose rapidly in the past 24 hours due chiefly to heavy rains over the St Marys and St Joseph valleys.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 6 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	47	47	48	51	53	54	57	60	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	NE	E	SE	SE	SE	S
Wind movement	5	4	4	5	5	5	5	6	5	6	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	63	64	66	65	64	63	62	60	58	57	56
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	S	SE	S	S	SW	SW	S	S	S	S	S	S
Wind movement	6	7	7	6	6	7	5	4	4	2	2	4

State of weather: Pt cloudy (A.M.); Clear (P.M.)

Sunrise: Time, 4:09 Character, Cloudy

Moonrise: 10:44a Cloudy

Sunset: Time, 7:10 Character, Cloudy

Moonset: 12:05a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	47	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.8 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 65

Prevailing wind direction, S Total wind, 123

Average hourly velocity, 5.1 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 1:42 p.m.

Reduced barometer, 30.35 7 a. m. 30.17 7 p. m.

River gage, 13.3 fell

Relative humidity, 61 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

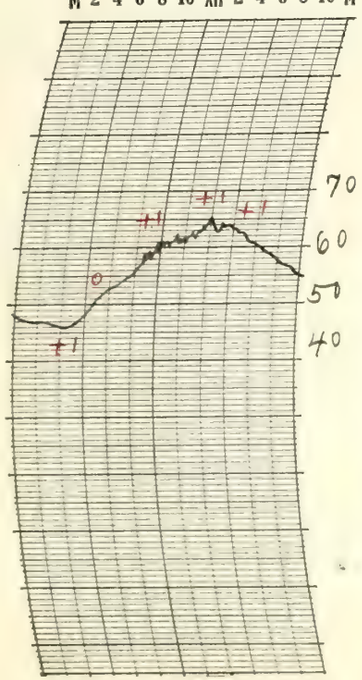
Dry temperature, 61.7 Wet temperature, 50.2

Dew-point, 39 R. humidity, 44 V. pressure, 7.37

Clouds: Amount, 5 ; Kind, Strat cu ; Direction, SW SE

Velocity of clouds (miles per hour)

THERMOGRAPH



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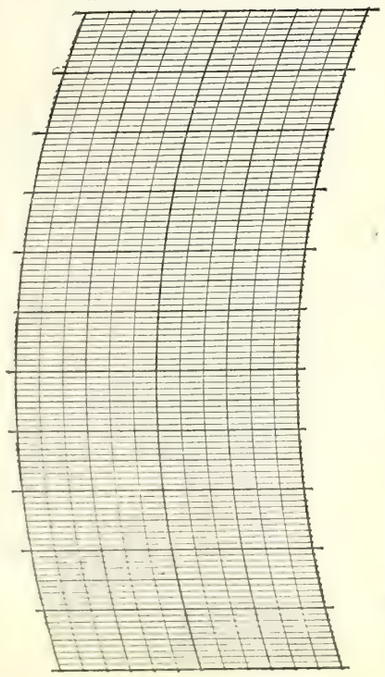
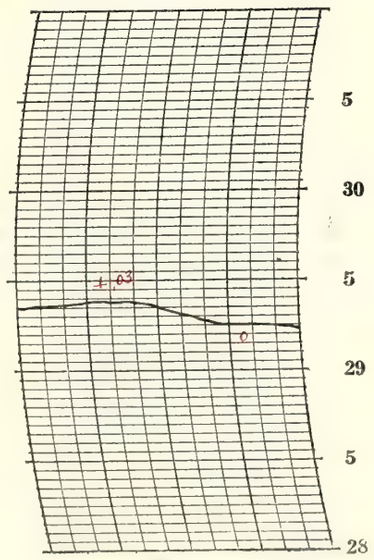


BAROGRAPH.



Prepared by T.E.R.

Verified by O.E.P. Russell

8—486

NOTES

More or less cloudiness continued the greater part of the day but there was considerable sunshine recorded. The sky was cloudiest late at night. Stars bright. Moonlight for a while in the evening.

It was still cool for the season.

Solar halo, 22° radius, observed 5:30 am till after 12:00 noon. Circle complete and brightly colored at times.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 7 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	54	54	53	56	58	62	63	66	66	68	68	70	69	72	71	69	68	65	64	63	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					< Pt Cldy X								— Clear							X Pt Cldy X Clear >				
Sunshine (in tenths of hours)					0	0.6	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.9	0	0				
Wind direction	S	S	S	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	W	W	W	W	W	SW	SW	SW	SW
Wind movement	2	4	3	3	3	4	4	5	8	9	8	8	9	10	9	8	9	6	4	5	6	7	8	6

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 11:44a Cloudy
Sunset: Time, 7:10 Character, Cloudy
Moonset: 12:33a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

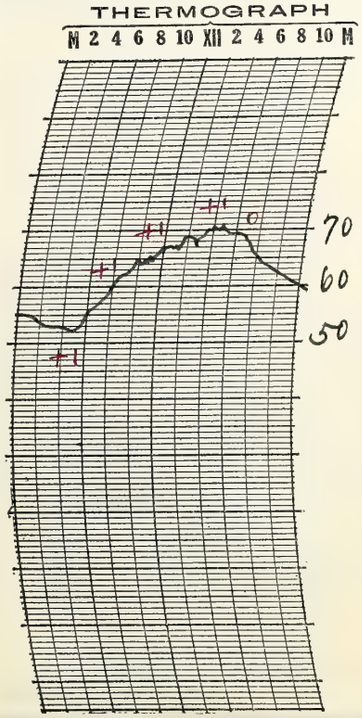
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, First Quarter 1:49 a
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 77
Prevailing wind direction, W Total wind, 148
Average hourly velocity, 6.2 Extreme velocity, 14
Maximum velocity, 13 Direction, W
Time began, 1:48 p.m.
Reduced barometer, 30.13 7 a. m. 30.04 7 p. m.
River gage, 10.1 feet
Relative humidity, 68 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.2 Wet temperature, 55.0
Dew-point, 44 R. humidity, 42 V. pressure, 28.7
Clouds: Amount, 3; Kind, CU; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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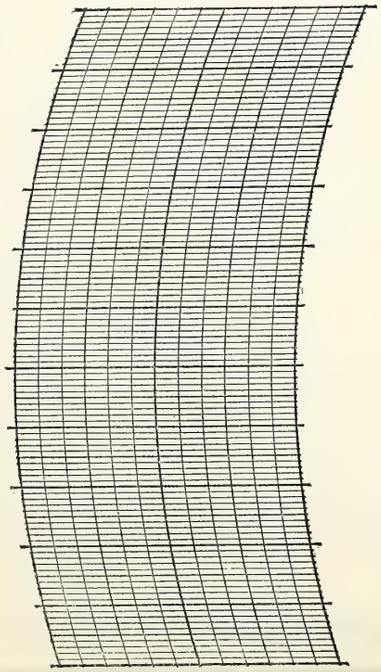
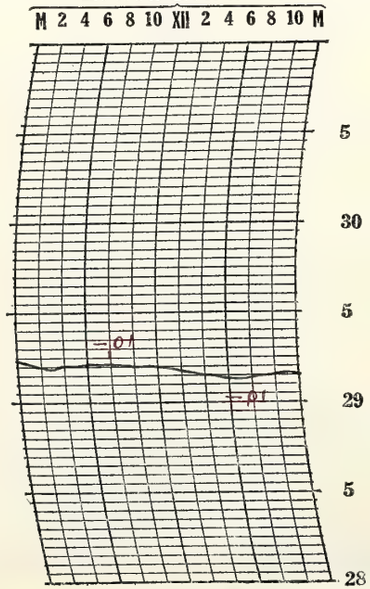


BAROGRAPH.



Prepared by O.W.R.

Verified by O.E. Russell

8—486

NOTES

The day was partly cloudy but with considerable sunshine recorded. It was partly cloudy for a while after sunset but later at night the sky was clear. Stars bright. Moonlight from the First Quarter moon.

The weather was fine altho it was cool for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 8 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	57	56	59	63	67	69	71	73	74	74	77	76	77	76	75	74	70	68	67	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Cloudy					Clear						
Sunshine (in tenths of hours)					0.85 0	0.2 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	8	8	10	10	11	14	13	16	15	15	17	17	16	15	14	11	8	7	8	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:09 Character, Clear
Moonrise: 12:43p Cloudy
Sunset: Time, 7:11 Character, Cloudy
Moonset: 12:56a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

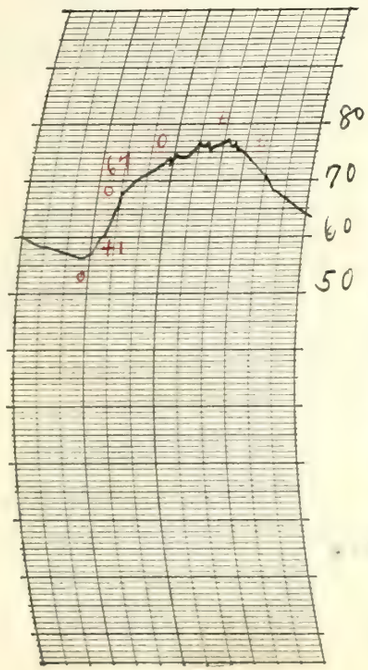
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	78	56	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind, 271
Average hourly velocity, 11.3 Extreme velocity, 23
Maximum velocity, 21 Direction, SW
Time began, 12:40 p.m.
Reduced barometer, 30.07 7 a. m. 29.967 p. m.
River gage, 6.7 fall
Relative humidity, 72 7 a. m. 62 7 p. m.

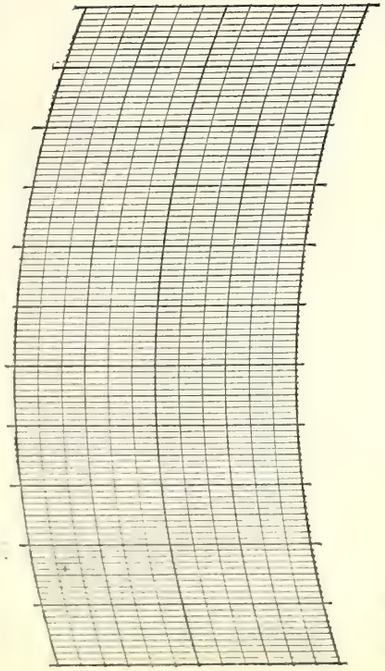
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.8 Wet temperature, 63.6
Dew-point, 57 R. humidity, 57 V. pressure, 465
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

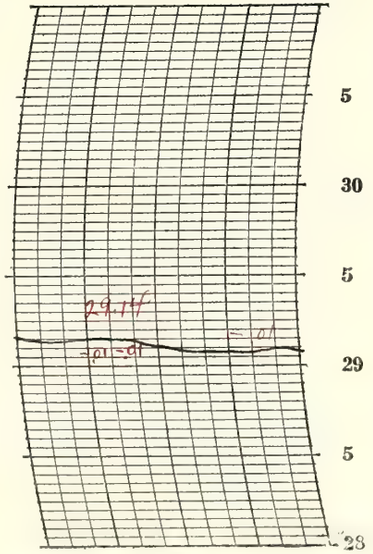
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

The sky was partly cloudy for a while near the middle of the day but at other times it was mostly clear. Clear into the night with moonlight. The weather was quite pleasant with temperatures averaging about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 9 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	61	60	62	66	71	74	73	77	79	80	82	81	81	81	79	77	73	72	71	70	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Pt cldy			×			Clear											→
Sunshine (in tenths of hours)					0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 (0.6)	0 (.2)				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	8	9	10	11	10	12	15	16	17	15	15	17	15	15	15	14	12	11	12	11	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 1:42p Clear
Sunset: Time, 7:17 Character, Clear
Moonset: 1:19a Clear?

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

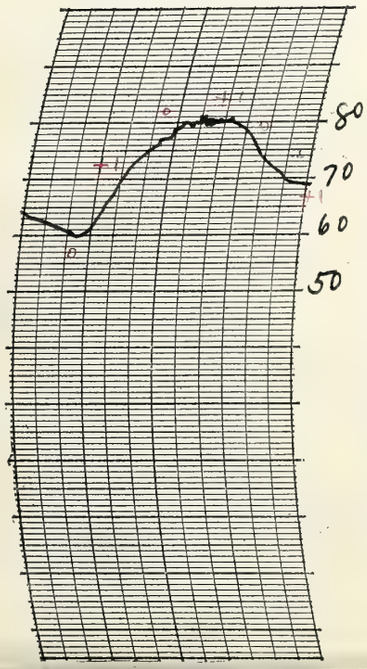
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	60	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind, 299
Average hourly velocity, 12.5 Extreme velocity, 22
Maximum velocity, 20 Direction, SW
Time began, 10:13 am
Reduced barometer 30.00 7 a. m. 29.80 7 p. m.
River gage, 5.1 fell
Relative humidity, 74 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 66.3
Dew-point, 59 R. humidity, 51 V. pressure, 499
Clouds: Amount, 7; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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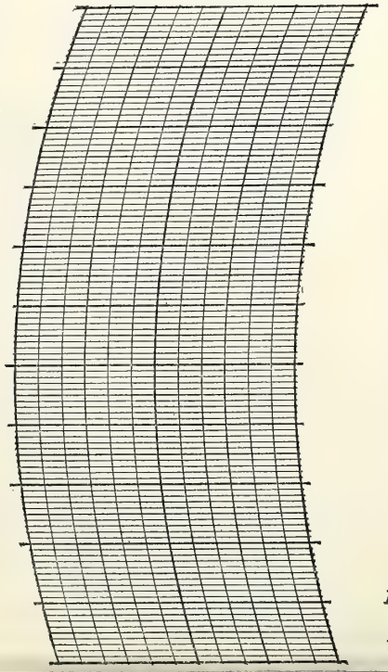
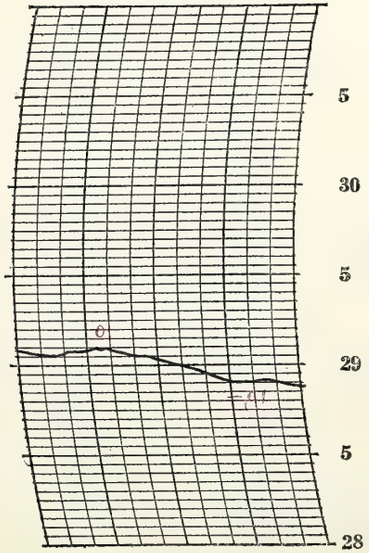


BAROGRAPH.



Prepared by O.A.R.

Verified by O.A. Russell

8—486

NOTES

It was partly cloudy for a while in the morning but mostly clear the greater portion of the day. Moonlight at night. The weather was warm and pleasant and the temperature averaged above normal.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 10 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	71	70	70	71	73	74	75	75	78	79
State of weather: Nature of precipitation and time of beginning and ending								RB 7:37 RE 7:42				
Amounts of precipitation								T				
Cloudiness and other conditions					Pt cldy			X	Cldy	X	Pt cldy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	76	74	71	70	68	65	63	62	59	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		X				Clear						

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 2:41p Cloudy
Sunset: Time, 7:12 Character, Clear
Moonset: 1:42a Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.7	0.9	0.6	0.9	0.8	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	13	15	16	15	17	17	18	17	16	15	15	15

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	2.0 0				
Wind direction	W	NW	NW	NW	NW	NW	N	N	N	NW	NW	NW
Wind movement	15	15	16	19	19	13	11	8	5	4	5	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

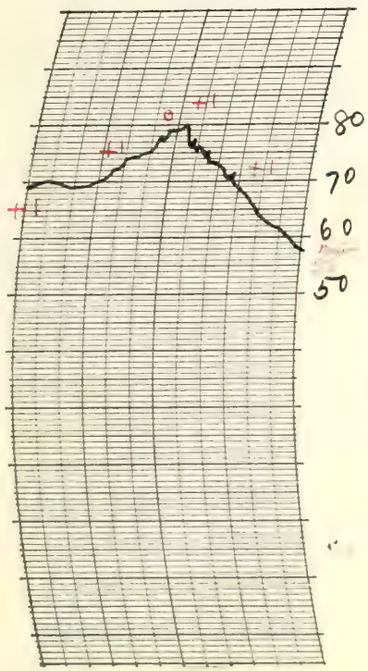
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind, 323
Average hourly velocity, 13.5 Extreme velocity, 26
Maximum velocity, 25 Direction, SW
Time began, 6:10 am
Reduced barometer, 29.70 7 a. m. 29.81 7 p. m.
River gage, 4.2 feet
Relative humidity, 82 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 67.5
Dew-point, 62 R. humidity, 55 V. pressure, 555
Clouds: Amount, 4; Kind, Cu; Direction, W R
Velocity of clouds (miles per hour)

THERMOGRAPH



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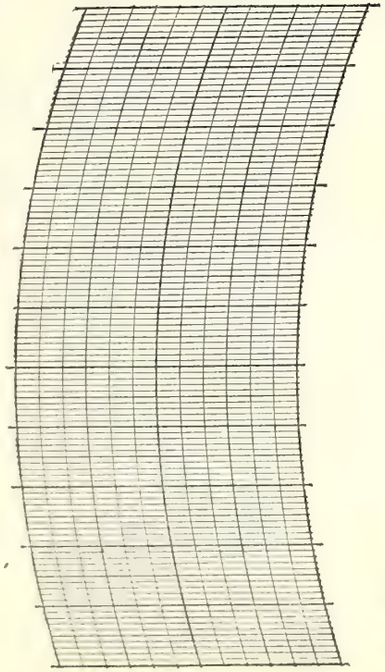
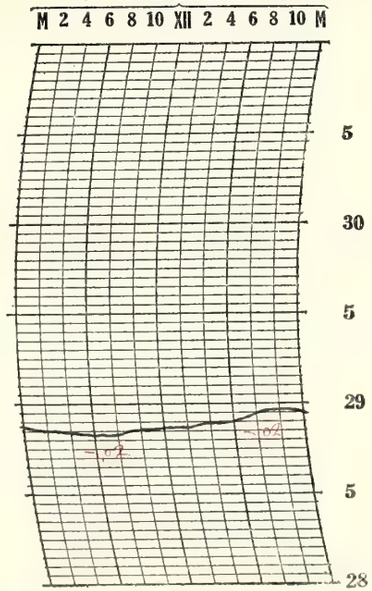


BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

8—486

NOTES

It was cloudy to partly cloudy in the forenoon and was threatening at times but only a trace of rain occurred. The sky cleared during the afternoon and was cloud less into the night. Bright moonlight.

It was warm and sultry until afternoon when the temperature started falling somewhat. The evening was cool and pleasant.

Strong winds from SW and W diminished during afternoon and night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	54	55	58	62	67	69	70	73	74	75	76	76	75	74	73	73	68	66	63	61	61
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:06 RE 7:20 T				
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	N	N	N	N
Wind movement	3	2	2	2	2	2	2	4	4	5	6	8	7	8	9	8	10	5	2	5	8	8	8	8

Sunrise: Time, 4:08 Character, Clear
Moonrise: 3:41p Cloudy
Sunset: Time, 7:13 Character, Cloudy
Moonset: 2:06a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

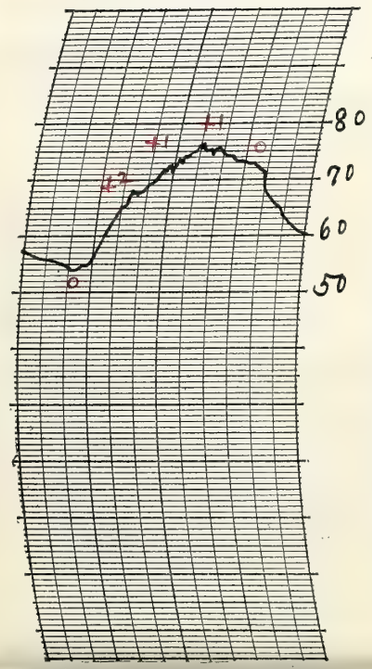
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 80
Prevailing wind direction, W Total wind, 128
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 3:55 p.m.
Reduced barometer, 29.91 7 a. m. 29.81 7 p. m.
River gage, 4.2 feet
Relative humidity, 68 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.8 Wet temperature, 59.3
Dew-point, 49 R. humidity, 47 V. pressure, .347
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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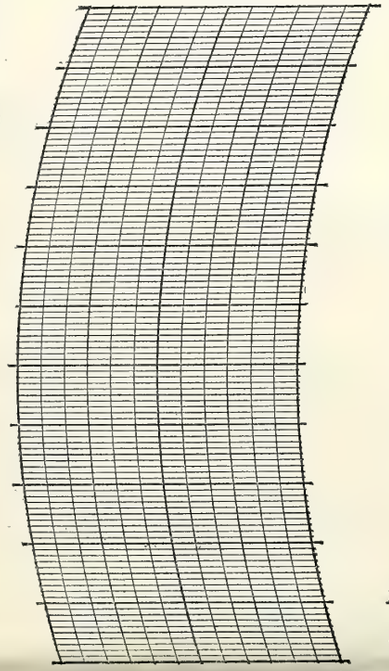
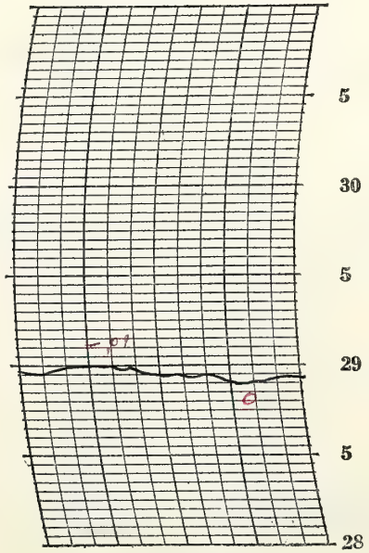


BAROGRAPH.



Prepared by O.G.R.

Verified by O.G. Russell

8—486

NOTES

Heavy deposit of dew in the early morning. Light local smoke from 6:30 a.m. to 7:30 a.m. The sky remained mostly clear all forenoon but became overcast by the middle of the afternoon. A light shower occurred shortly after 7:00 p.m. The sky partially cleared later and there was moonlight through the thin clouds at intervals.

The temperature averaged slightly below the normal.

Solar halo, 22° radius, observed 1:30 p.m. to about 3:00 p.m.

Lunar halo, 22° radius, observed 9:45 p.m. and after.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	56	55	53	53	53	53	54	55	56	56	57	58	62	64	66	65	65	62	59	56	56	55
State of weather: Nature of precipitation and time of beginning and ending		RB DN	—	—	—	—	RE 6:10																	
Amounts of precipitation		.03	.02	.08	.04	.01	T																	
Cloudiness and other conditions										Cloudy					Pcldy			Clear				Pcldy		
Sunrise: Time, Character	4:08 Cloudy																				Sunset: Time, Character	7:13 Cloudy		
Moonrise:	4:42p Cloudy																				Moonset:	2:32a Cloudy		
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0	0	0	0.3	1.0	1.0	1.0	1.0	0.3 0.5	0				
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	N	N	N	N	N	NW	N	N	N	NW	NW	NW	NW
Wind movement	9	9	9	11	9	10	11	12	9	8	6	5	8	6	7	6	6	5	2	3	5	5	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	53	60	

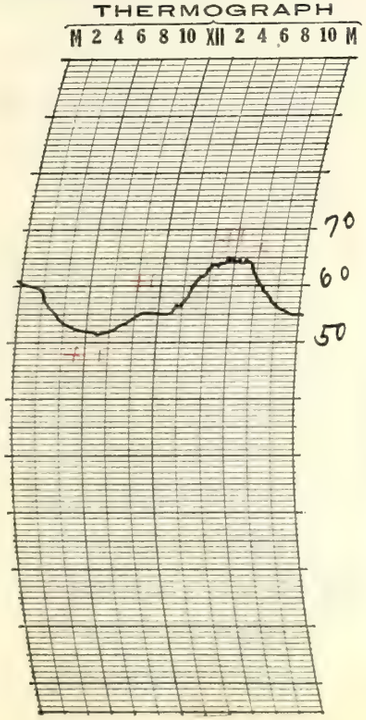
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 35
Prevailing wind direction, N Total wind, 169
Average hourly velocity, 7.0 Extreme velocity, 16
Maximum velocity, 16 Direction, N
Time began, 3:48 am
Reduced barometer, 29.93 7 a. m. 30.02 7 p. m.
River gage, 3.9 feet
Relative humidity, 93 7 a. m. 55 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

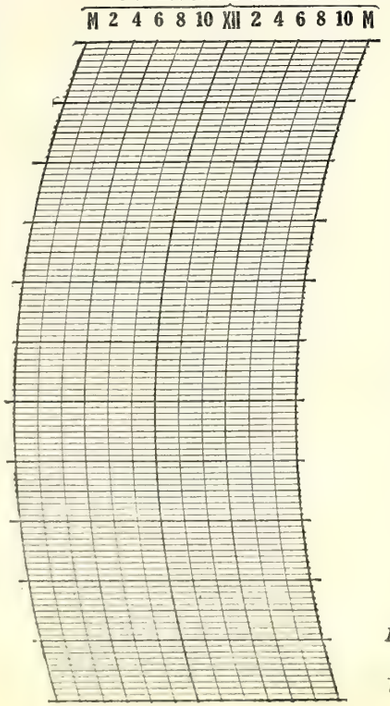
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.3 Wet temperature, 53.6
Dew-point, 52 R. humidity, 84 V. pressure, 3.87
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

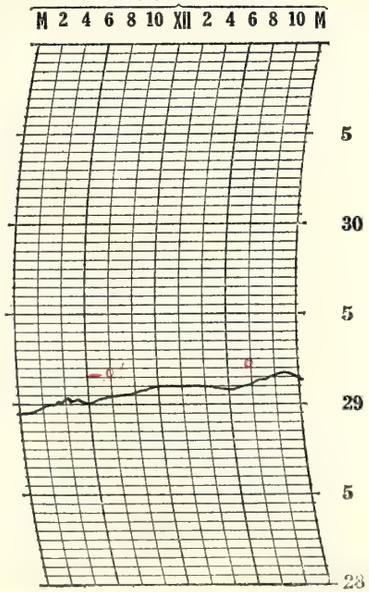
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by O.E. Russell

8—486

NOTES

A shower occurred in the early morning and the sky continued heavily overcast until after noon. It cleared some what in the evening and there was moonlight at intervals in the night. Late at night the sky was partly cloudy.

Cool for the season.

Lunar corona observed 8:30 p.m. and later at intervals as alto-cumulus clouds passed over the moon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	55	54	55	55	56	59	59	59	57
State of weather: Nature of precipitation and time of beginning and ending					RB RE DN			RB 7:30	RE 8:25	RB 9:35		
Amounts of precipitation					T			T	T	T	.02	.02
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0	0.3	0	0	0
Wind direction	N	N	NW	NW	N	N	N	N	W	W	SW	SW
Wind movement	4	2	3	3	3	5	4	4	3	2	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	58	58	57	57	56	55	55	54	54	55
State of weather: Nature of precipitation and time of beginning and ending		RE 1:45			RB 4:20							Cont'd
Amounts of precipitation	.01	T			T	T	.01	.01	.01	T	T	.01
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0.8	0.3	0	0	0	0	0				
Wind direction	SW	NE	N	N	N	N	N	N	N	N	NE	NE
Wind movement	3	5	6	6	6	6	5	8	7	5	4	5

Cloudy

Sunrise: Time, 4:08 Character, Cloudy

Moonrise: 5:46p Cloudy

Sunset: Time, 7:14 Character, Cloudy

Moonset: 3:02a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	53	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 14 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 9

Prevailing wind direction, N Total wind, 108

Average hourly velocity, 4.5 Extreme velocity, 9

Maximum velocity, 9 Direction, N

Time began, 7:53 p. m.

Reduced barometer, 30.09 7 a. m. 30.07 7 p. m.

River gage, 3.3 feet

Relative humidity, 72 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

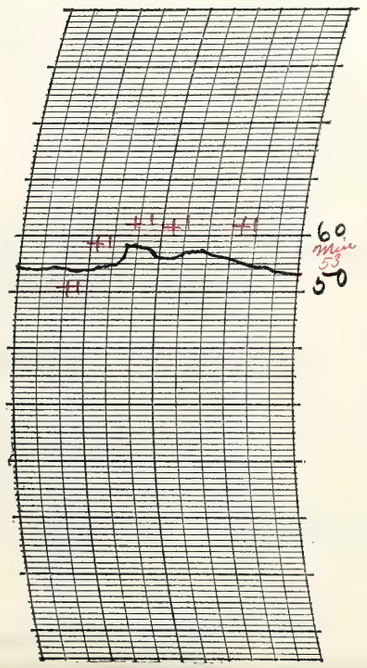
Dry temperature, 57.2 Wet temperature, 54.8

Dew-point, 53 R. humidity, 86 V. pressure, .402

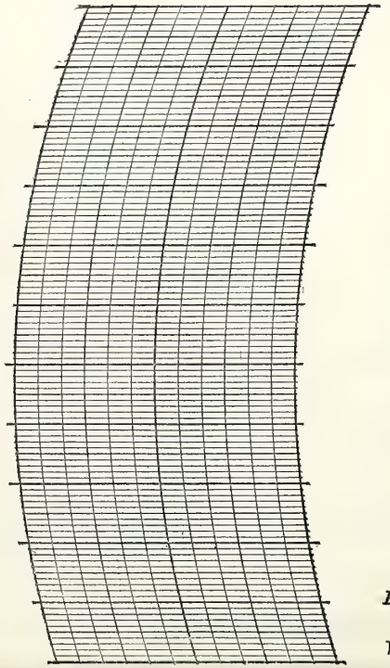
Clouds: Amount, 10; Kind, Nb; Direction, SW

Velocity of clouds (miles per hour)

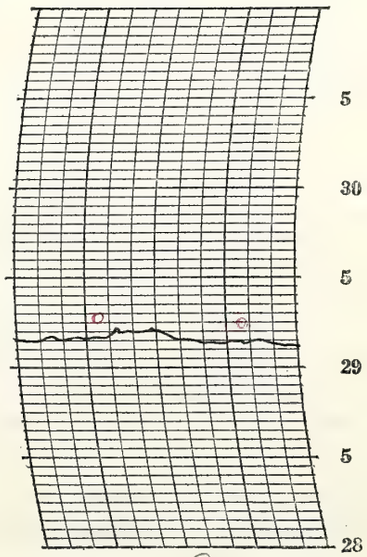
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.

Verified by O.G. Russell

8—486

NOTES

Light showers continued the greater part of the day and into the nights. The total rainfall was not much but pavements were wet most of the time.

The temperature continued low for the season and there was only small range in the temperature for the 24 hours.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	52	52	53	53	55	56	58	61	63
Nature of precipitation and time of beginning and ending	RE DN											
Amounts of precipitation	T											
Cloudiness and other conditions				<		Cloudy			X			Pt Cloudy
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	N	N	N	NE	N	NE
Wind movement	5	3	3	3	3	4	5	7	7	8	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	64	64	65	64	63	62	62	60	58	54
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy											>
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	NE	NE	N	N	NE	N	N	N	N	N	NW	N
Wind movement	8	7	6	6	5	7	3	2	1	1	5	5

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 6:50 p Cloudy
Sunset: Time, 7:14 Character, Cloudy
Moonset: 3:37 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

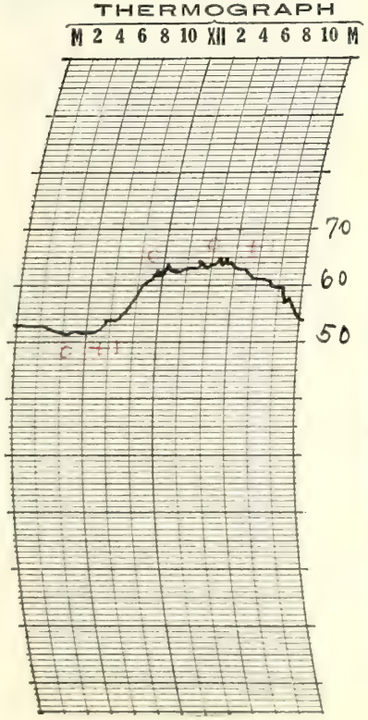
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	52	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 58
Prevailing wind direction, N Total wind, 120
Average hourly velocity, 5.0 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 10:47 am
Reduced barometer, 30.04 7 a. m. 30.05 7 p. m.
River gage, 2.8 feet
Relative humidity, 85 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 62.9 Wet temperature, 54.1
Dew-point, 47 R. humidity, 57 V. pressure, .322
Clouds: Amount, 1 (5); Kind, St cu (a cu); Direction, N (W)
Velocity of clouds (miles per hour)

THERMOGRAPH



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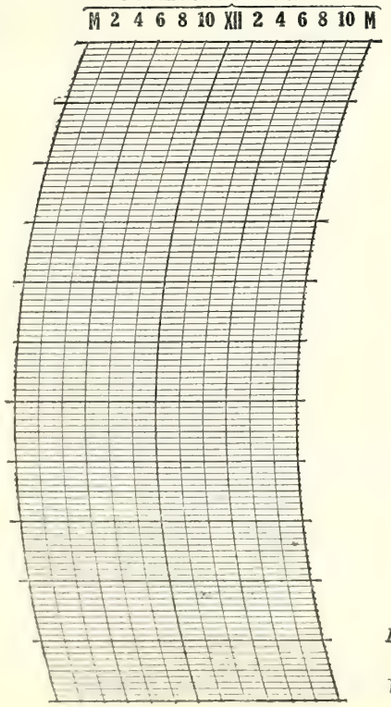
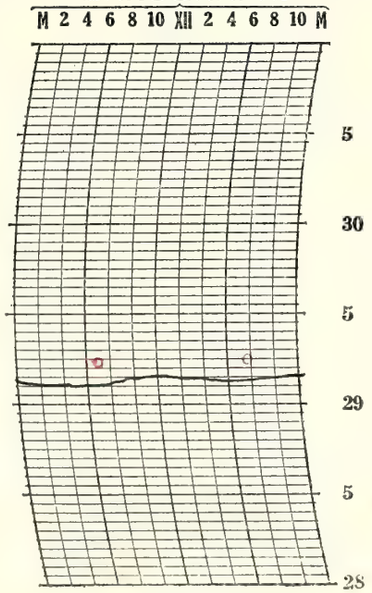


BAROGRAPH.



Prepared by O.E.R.

Verified by C.E. Russell

8—486

NOTES

A light rain that continued from the previous date ended in the early morning. The sky was heavily clouded until about 9:00 am and then partly cloudy the rest of the day and into the night. Moonlight from the full moon at intervals through the clouds. Moon low in south.

It continued cool for the season.

Solar halo, 22° radius, observed 9:50 am until after 11:00 am. Circle complete and brightly colored about 10:30 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 15 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	50	51	52	53	53	54	56	61	63	64	65	65	65	66	65	64	61	59	58	56	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Pt Cloudy										Clear					
Sunshine (in tenths of hours)					0	0.1	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6 (.04)	0 (.23)				
Wind direction	N	NW	N	NE	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	4	3	4	7	9	10	11	9	11	8	9	9	10	11	10	8	7	7	6	4	5	6	5	6

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 7:51p Clear
Sunset: Time, 7:14 Character, Clear
Moonset: 4:18a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

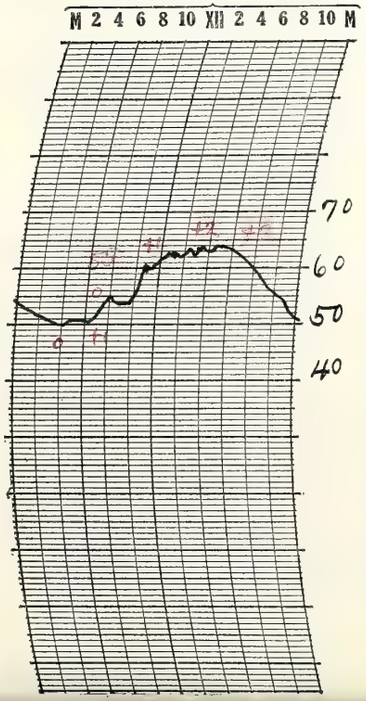
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	50	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, Full - 2:19a
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 78
Prevailing wind direction, NE Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 15
Maximum velocity, 15 Direction, E
Time began, 6:35 am
Reduced barometer, 30.14 7 a. m. 30.12 7 p. m.
River gage, 2.6 fell
Relative humidity, 76 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 62.6 Wet temperature, 50.2
Dew-point, 38 R. humidity, 40 V. pressure, 22.8
Clouds: Amount, 1/2 Kind, ci st / a cu / cu Direction, W / SW / E
Velocity of clouds (miles per hour)

THERMOGRAPH



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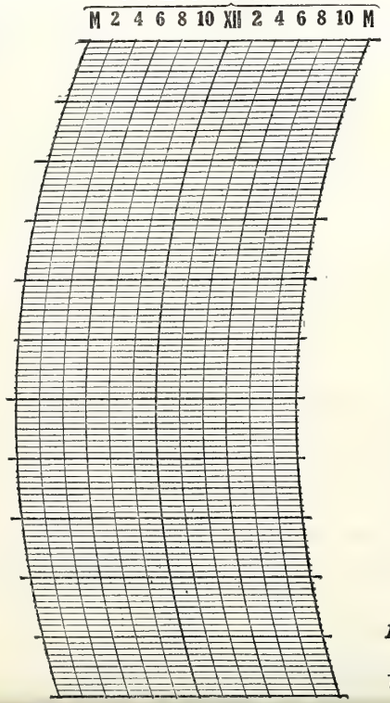
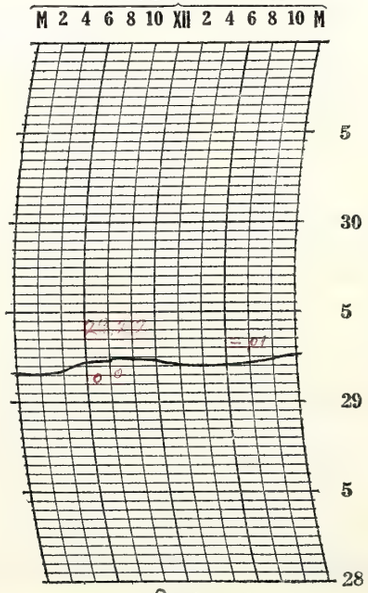


BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

8—486

NOTES

The sky remained partly cloudy the greater part of the day. In the late afternoon it became mostly clear and then cloudless after sunset. There was moonlight from the full moon but the moon was low in the south.

The weather continued cool for the season.

Solar halo, 22° radius, observed for a few minutes at 11:40 am. The halo was dim but slightly colored.

Total Eclipse of Moon June 14-15, 1927.

Central Standard Time at Fort Wayne, Ind.

June 14, 1927.

Moon rises..... 6:50 pm
Moon enters penumbra.....11:34 pm

June 15, 1927.

Moon enters umbra.....12:43 am
Total eclipse begins..... 2:14 am
Full Moon..... 2:19 am
Middle of eclipse..... 2:24 am
Total eclipse ends..... 2:35 am
Moon leaves umbra..... 4:06 am
Moon sets..... 4:18 am
Moon leaves penumbra..... 5:15 am

Observations: The dark shadow was noticeable on the Moon about 12: 45 am, June 15, and the dark portion was observed to increase gradually until only a small portion of bright surface was visible about 2:10 am. The clouds intervened at that time and no further observetions possible.

O. E. R.

Prepared by O.E.R.

Verified by O.E.Russell

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	50	49	48	51	55	59	60	62	64	65	68	67	67	67	67	66	64	61	59	58	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<					Clear				×			Pt cldy							>
Sunshine (in tenths of hours)					0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	E	E	E	NE	NE	E	E	E	E	E	E	E	SE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	6	4	4	5	5	5	6	9	8	9	10	8	8	8	8	7	7	7	10	8	7	7	6

Sunrise: Time, 4:08 Character, Clear
Moonrise: 8:48 p Cloudy
Sunset: Time, 7:15 Character, Cloudy
Moonset: 5:08 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

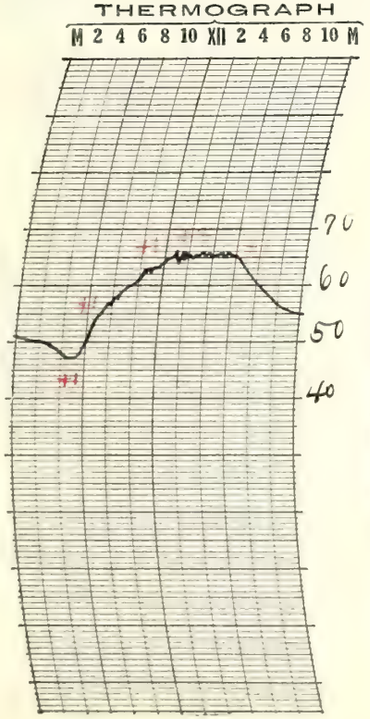
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 87
Prevailing wind direction, E Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 8:15 am
Reduced barometer 30.23 7 a. m. 30.13 7 p. m.
River gage, 2.2 feet
Relative humidity, 68 7 a. m. 44 7 p. m.

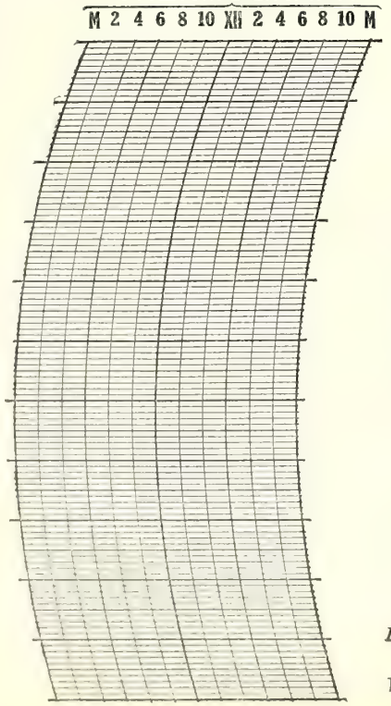
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.8 Wet temperature, 48.3
Dew-point, 30 R. humidity, 26 V. pressure, 164
Clouds: Amount, 2; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

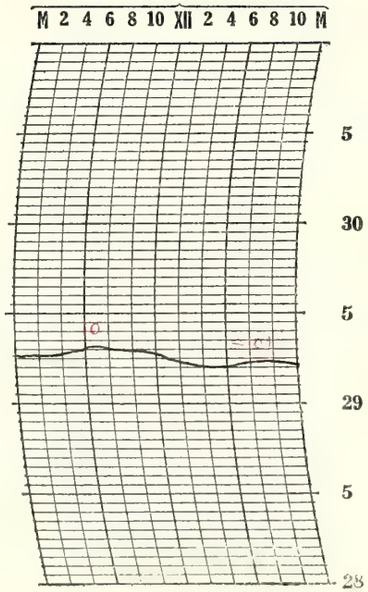
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CEP

Verified by C E Russell

8—486

NOTES

There was some cloudiness all day but as a whole the day was clear with sunshine recorded the greater part of the time. Partly cloudy with the night. The position of moon was visible through the clouds but the moonlight was too pale to cast a shadow.

Continued cool with the average temperature about ten degrees below the normal.

Solar halo, 22° radius, observed at 10:28 am, 12:45 p.m. and at 5:30 p.m. visible for short periods and brightly colored. Solar halo, 46° radius, observed 5:30 p.m. colored.

Lunar halo, 22° radius, observed 10:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 17 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	53	54	56	58	62	66	67	69	70	71	72	71	70	68	65	63	60	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<		Pt Cloudy	X						Clear				X	Pt cldy		X	Cloudy	X	
Sunshine (in tenths of hours)					0	0	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	E	E	NE	NE	E	NE	E	NE	NE	E	E	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	7	6	8	7	7	8	9	7	9	11	10	11	11	12	14	15	14	10	9	8	8	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 9:39p Cloudy
Sunset: Time, 7:15 Character, Cloudy
Moonset: 6:06a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

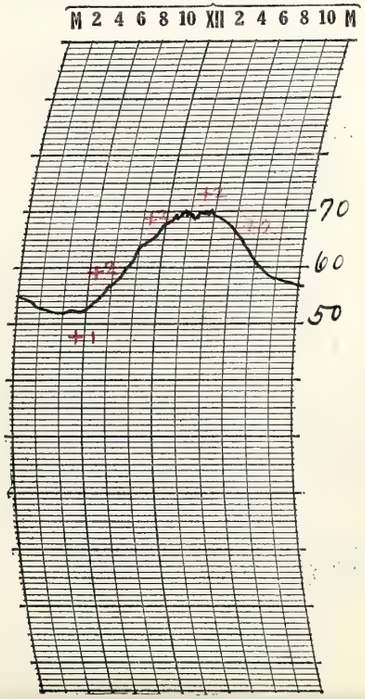
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours 10.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 71
Prevailing wind direction, NE Total wind, 226
Average hourly velocity, 9.4 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 1:54 pm
Reduced barometer, 30.13 7 a. m. 30.00 7 p. m.
River gage, 2.3 feet
Relative humidity, 58 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.9 Wet temperature, 54.7
Dew-point, 42 R. humidity, 39 V. pressure, 266
Clouds: Amount {Few / Few}; Kind, {Ci St / Ac Cu / St Cu}; Direction, {SW / SW / E}
Velocity of clouds (miles per hour)

THERMOGRAPH



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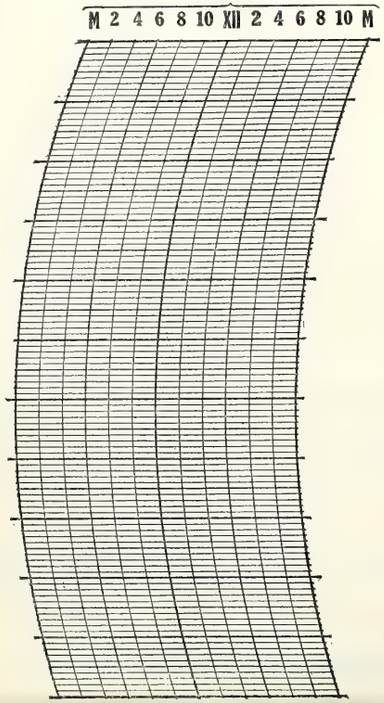
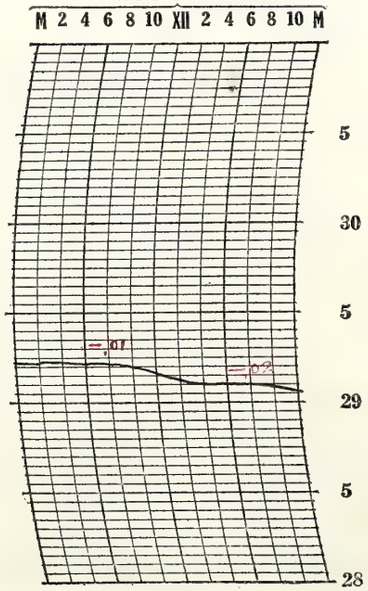


BAROGRAPH.



Prepared by O.E.P.

Verified by O.E. Russell

8—486

NOTES

It was partly cloudy in the morning, clear through the day and partly cloudy again at night. It was mostly cloudy late at night.

It was warm enough to be rather pleasant in the afternoon but the average temperature continued below the normal.

Solar halo, 22° radius, observed 5:15 am to 6:30 am - also visible 6:30 p.m. to 6:50 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	54	53	53	54	54	56	55	57	58	59
State of weather: Nature of precipitation and time of beginning and ending			RB DN									
Amounts of precipitation			.02	.04	.03	.04	.02	.02	.07	T	T	T
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	N	N	N	N	N	N	N
Wind movement	10	8	12	10	9	11	9	8	9	9	9	10

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 10:23p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	64	65	65	65	63	63	61	60	59	57	57
State of weather: Nature of precipitation and time of beginning and ending	RE 12:45											
Amounts of precipitation	T											
Cloudiness and other conditions	Cloudy								Clear			
Sunshine (in tenths of hours)	0.2	0.8	0.5	0.5	0	0	0	0				
Wind direction	N	N	N	N	N	N	N	N	N	N	W°	W°
Wind movement	9	8	8	8	8	7	6	8	4	3	3	5

Sunset: Time, 7:15 Character, Cloudy
Moonset: 7:10a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

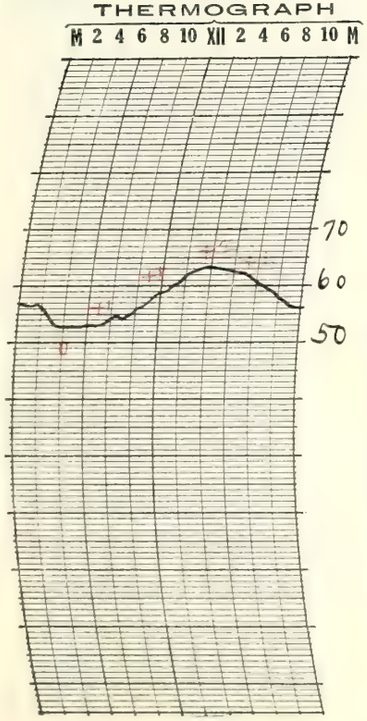
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	53	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., .09 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 13
Prevailing wind direction, N Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 15
Maximum velocity, 15 Direction, N
Time began, 6:13 am
Reduced barometer, 29.93 7 a. m. 29.95 7 p. m.
River gage, 2.4 feet
Relative humidity, 97 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 58.2
Dew-point, 57 R. humidity, 94 V. pressure, .465
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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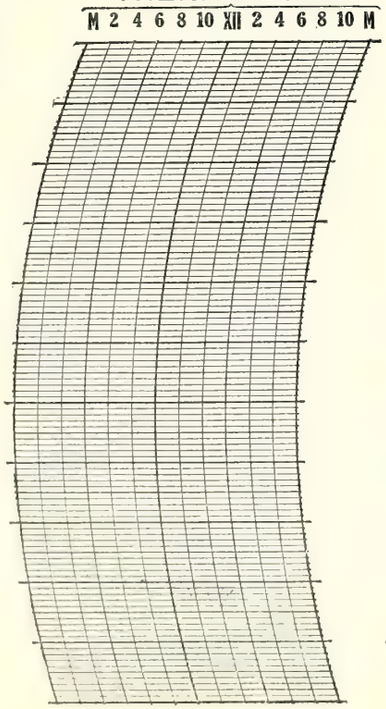
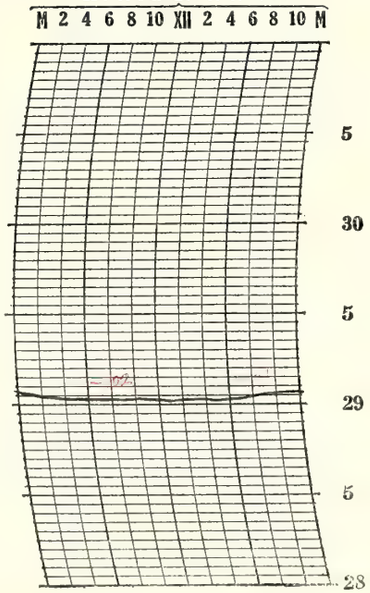


BAROGRAPH.



Prepared by O. W. P.

Verified by O. E. Russell

8—486

NOTES

A light rain occurred from early morning until after noon. It remained mostly cloudy until after sunset and then clear into the night. Stars visible.
The temperature continued low for the season.

° Wind direction interpolated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 19 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	54	53	56	59	61	62	66	70	70	72	75	76	77	77	77	75	70	68	67	66	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear	X		Cldy	X	Pt Cldy		X		Clear									
Sunshine (in tenths of hours)	Ø	Ø			Ø .87	0.2 0.8	1.0	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0				
Wind direction	W	W	W	W	W	O	W	SW	SW	SW	NW	NW	N	N	N	NW	NW	W	NW	E	E	E	E	E
Wind movement	3	3	2	2	2	0	3	5	4	4	6	5	6	4	6	4	5	3	3	3	4	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Clear
Moonrise: 11:01p Clear?
Sunset: Time, 7:16 Character, Cloudy
Moonset: 8:20a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

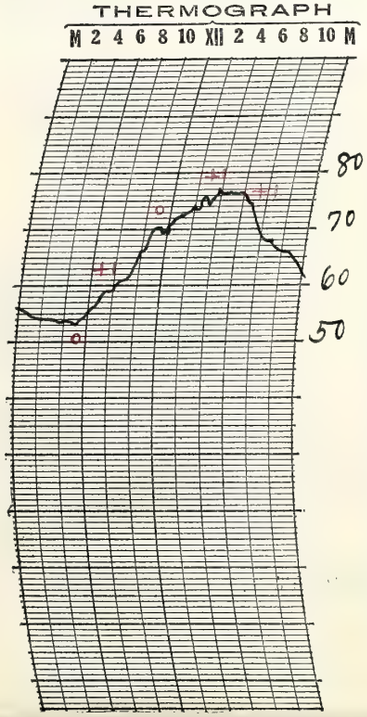
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 83
Prevailing wind direction, W Total wind, 88
Average hourly velocity, 3.7 Extreme velocity, 7
Maximum velocity, 7 Direction, SW
Time began, 7:35 am
Reduced barometer, 30.01 7 a. m. 29.95 7 p. m.
River gage, 23 feet
Relative humidity, 85 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.5 Wet temperature, 59.7
Dew-point, 52 R. humidity, 53 V. pressure, .387
Clouds: Amount, Few; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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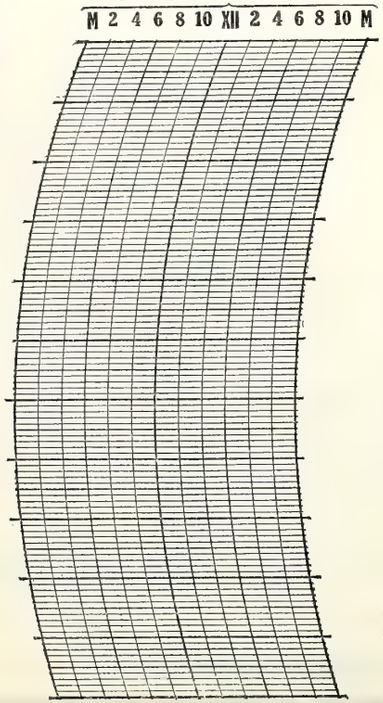
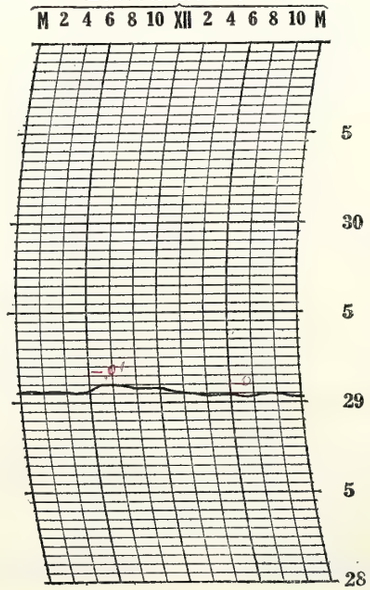


BAROGRAPH.



Prepared by O.E.R.

Verified by O.E.Russell

8—486

NOTES

Moonlight in early morning
Very heavy deposit of dew in am.
Wind direction interpolated.
The cloudiness varied considerably during the forenoon. It was mostly clear during the afternoon and into the night. Stars visible.
It was warm and pleasant in the afternoon but the temperature averaged below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 20 1927, 192

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	58	68	

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	58	59	59	59	61	63	65	69	72	76	78	79	78	78	76	75	72	70	68	68	67
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy					Pt Cldy					Clear			Pt Cldy			Cldy		
Sunshine (in tenths of hours)					0	0	0	0.2	0.4	0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0	0				
Wind direction	E	E	E	E	E	E	NE	NE	E	E	E	E	E	E*	E	E	SE	SE	E	E	E	E	SE	SE
Wind movement	3	4	5	5	5	5	6	6	4	5	6	7	6	7	7	7	7	6	4	4	5	5	4	5

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 11:35p Cloudy
Sunset: Time, 7:16 Character, Cloudy
Moonset: 9:31a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

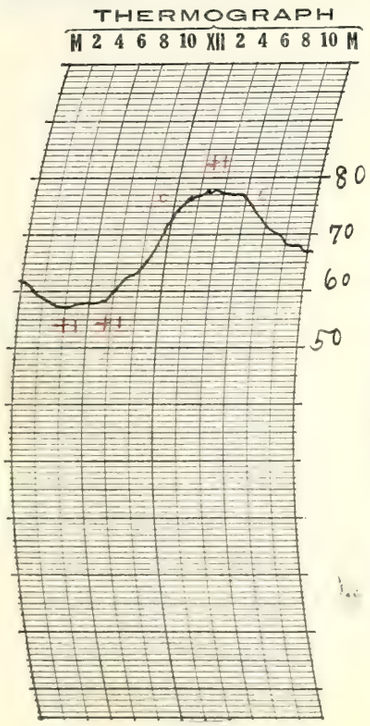
Excessive precipitation, accumulated amounts

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 52
Prevailing wind direction, E Total wind, 128
Average hourly velocity, 5.3 Extreme velocity, 10#
Maximum velocity, 10# Direction, E
Time began, 2:50 p.m.
Reduced barometer, 29.97 7 a. m. 29.84 7 p. m.
River gage, 2.5 feet
Relative humidity, 92 7 a. m. 69 7 p. m.

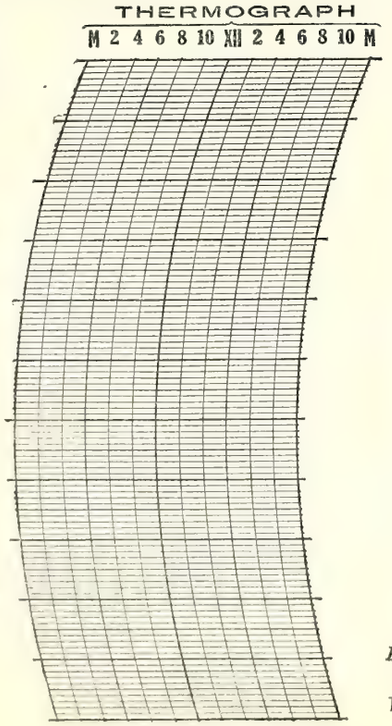
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.2 Wet temperature, 65.7
Dew-point, 62 R. humidity, 71 V. pressure, .555
Clouds: Amount, 3; Kind, cst; Direction, SW
Velocity of clouds (miles per hour)

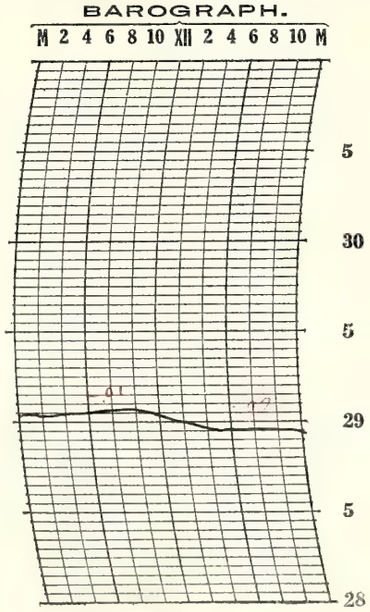
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

8—486

NOTES.

* Hourly velocity interpolated.
The sky was mostly cloudy in the morning, mostly clear in the afternoon and cloudy again late at night, a few of the brighter stars were visible for a while in the evening.
The weather was pleasant with temperatures about normal.
* Direction interpolated.
# For 17 hours

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 21 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	66	65	66	67	69	72	74	76	78	78
State of weather: Nature of precipitation and time of beginning and ending												RB 11:45
Amounts of precipitation												T
Cloudiness and other conditions							Pt cloudy					X
Sunrise: Time, 4:09 Character, Cloudy												
Moonrise: —												
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	0.9
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	6	6	9	12	11	12	12	13	12	12	15	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	71	71	71	72	70	71	71	71	69	69
State of weather: Nature of precipitation and time of beginning and ending								RE 7:50		RB DN	RE DN	
Amounts of precipitation	.02	.17	.14	.14	.03	.09	.73	T		T	.01	
Cloudiness and other conditions					Cloudy				Pt cldy	X	cldy	
Sunset: Time, 7:16 Character, Cloudy												
Moonset: 10:42 a Cloudy												
Sunshine (in tenths of hours)	0	0.2	0	0	0	0	0	0				
Wind direction	S	SE	S	S	S	S	SW	SW	S	SW	SW	SW
Wind movement	11	10	11	13	6	3	4	5	5	5	9	11

Maximum velocities (exceeding 29 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	65	72	

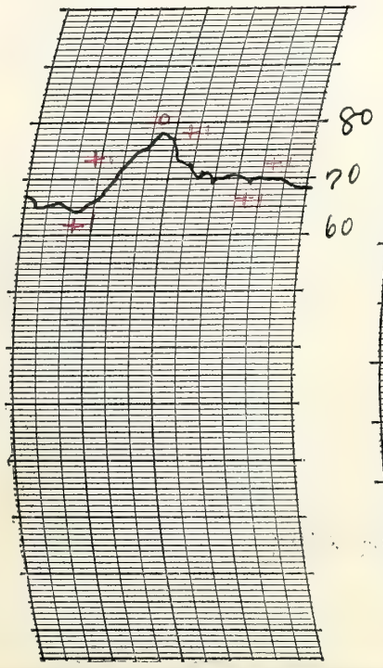
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.15 ins.
Total precipitation, midnight to midnight, 1.33 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 39
Prevailing wind direction, SE Total wind, 233
Average hourly velocity, 9.7 Extreme velocity, 25
Maximum velocity, 23 Direction, S
Time began, 11:46 am
Reduced barometer 29.75 7 a. m. 29.61 7 p. m.
River gage, 2.4 fell
Relative humidity, 71 7 a. m. 99 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	11:45 a	7:50 p	1.32	6:16 p	6:55 p	0.64	.06	.17	.24	.31	.39	.38	.63	.67						

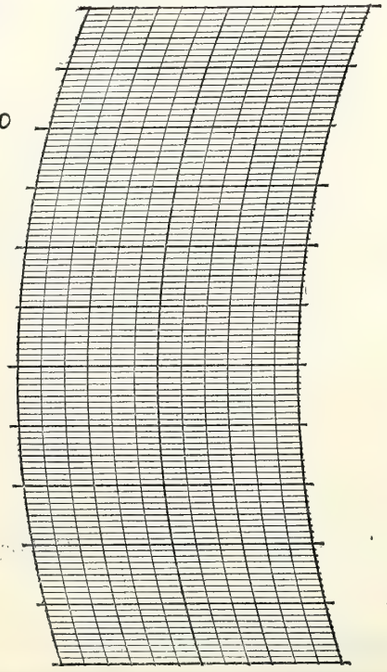
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.6 Wet temperature, 69.2
Dew-point, 65 R. humidity, 66 V. pressure, .616
Clouds: Amount, 9; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

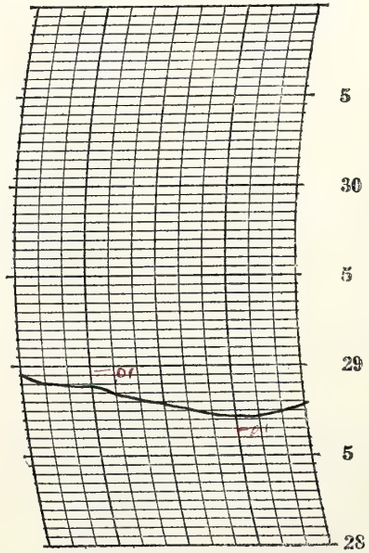
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

8—486

NOTES

It was partly cloudy most of the forenoon. Rain began before noon and continued until nearly 8:00 p.m. The rainfall was quite heavy at times. The sky was partly cloudy 8 to 8:30 at night with brighter stars visible. Moderate temperatures.

Solar halo, 22° radius, observed 6:15 am till about 8:30 am.

A light thunderstorm occurred from 6:35 p.m. to 7:50 p.m.
A light shower occurred about 10:00 pm.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 22 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	67	67	66	68	72	74	78	78	79	80	80	81	81	79	76	75	73	71	68	67	65
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:30 RE 6:35					
Amounts of precipitation																			T					
Cloudiness and other conditions	Cldy ?										Clear						X		Pcldy	X		Clear		
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	10	10	11	10	10	10	11	14	16	17	17	20	18	18	18	14	12	9	10	8	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

State of weather: Sunrise: Time, 4:09 Character, Cloudy. Moonrise: 12:04a Cloudy?

Sunset: Time, 7:16 Character, Cloudy. Moonset: 11:54a Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

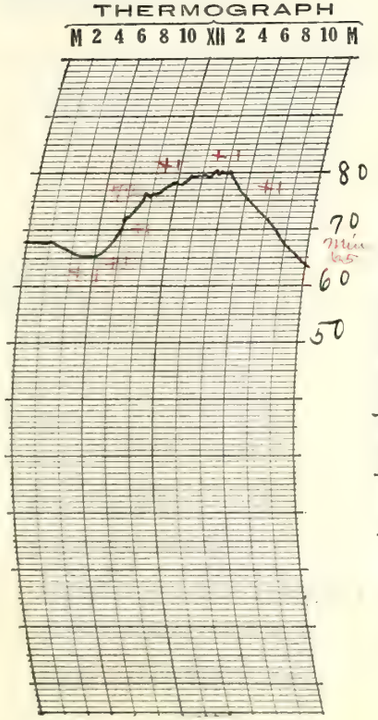
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 18 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, Last Quarter 4:29 a
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind, 302
Average hourly velocity, 12.6 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 2:35 p.m.
Reduced barometer, 29.80 7 a. m. 29.81 7 p. m.
River gage, 5.0 feet
Relative humidity, 88 7 a. m. 57 7 p. m.

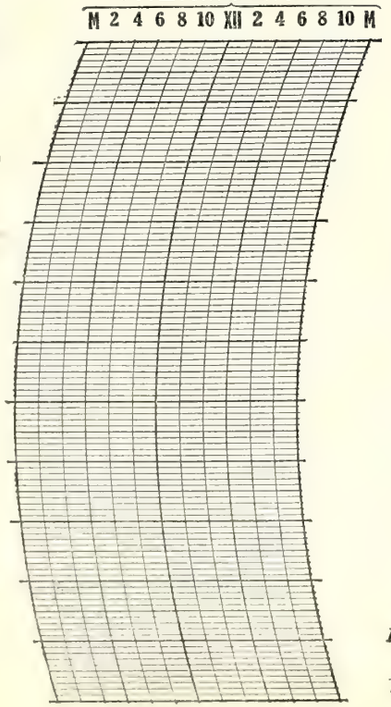
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 78.8 Wet temperature, 65.6
Dew-point, 58 R. humidity, 50 V. pressure, .482
Clouds: Amount, Few 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

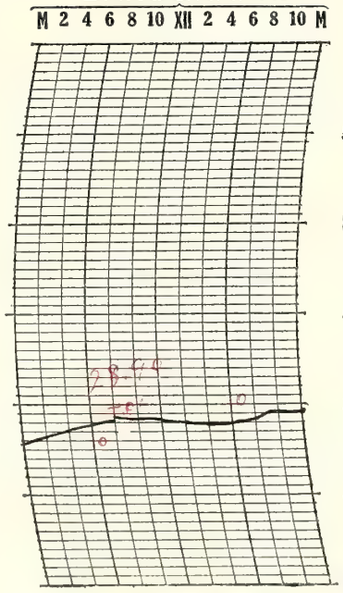
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by DEP

Verified by E. E. Russell

8—486

NOTES

Summer solstice (summer commences) 4:22 am

The sky was clear the greater part of the day. It was partly cloudy in the evening and a light sprinkle of rain occurred between 6:00 p.m. and 7:00 p.m. It was clear into the night with stars bright. Moderate temperature.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 23 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	61	62	62	60	57	57	60	63	65	66	65	64	62	60	59	58	57	57	56	56	56
State of weather: Nature of precipitation and time of beginning and ending						RB 5:15		RE 7:05																
Amounts of precipitation						T	T	T																
Cloudiness and other conditions					<		Cloudy				X Ptly X				Cloudy									>
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	10	9	10	11	8	10	14	12	13	11	11	12	11	13	11	10	9	8	6	7	6	5	5

Sunrise: Time, 4:09; Character, Cloudy. Moonrise: 12:32a Clear?

Sunset: Time, 7:17; Character, Cloudy. Moonset: 12:06p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

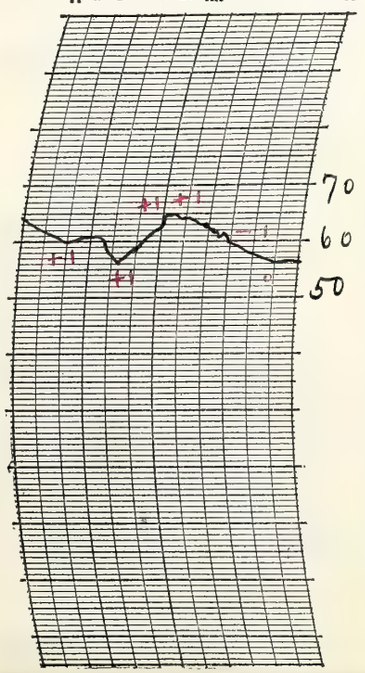
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	56	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 53
Prevailing wind direction, NW Total wind, 230
Average hourly velocity, 9.6 Extreme velocity, 17
Maximum velocity, 17 Direction, NW
Time began, 9:31 am
Reduced barometer, 29.98 7 a. m. 30.10 7 p. m.
River gage, 5.9 fall
Relative humidity, 93 7 a. m. 78 7 p. m.

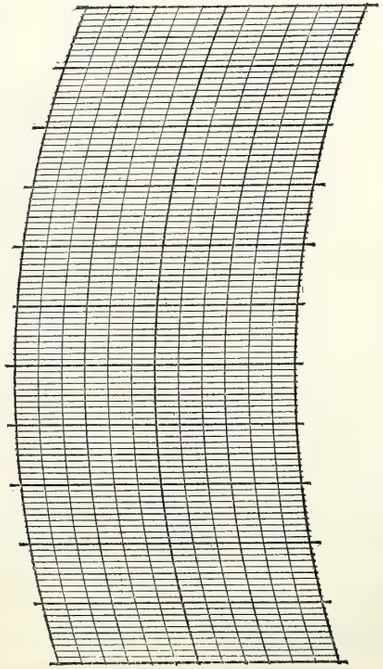
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 64.6 Wet temperature, 57.8
Dew-point, 53 R. humidity, 67 V. pressure, 402
Clouds: Amount, 8; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

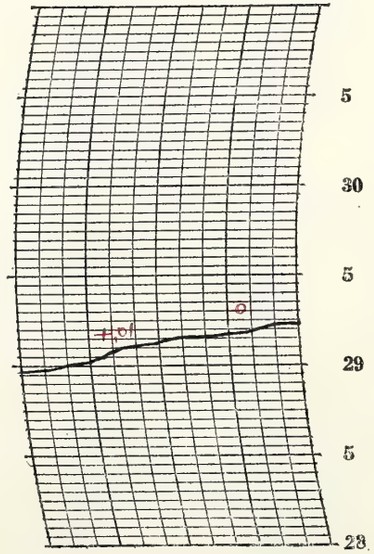
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OHA.

Verified by O. E. Russell

8—486

NOTES

A light, misting, rain occurred in the morning. The sky continued cloudy the greater part of the time but sunshine was recorded through the clouds for several hours during the middle of the day. Cloudy into the night.

Rather cool for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 24 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	57	57	57	58	59	61	63	66	67	68	71	73	73	75	73	74	72	69	67	66	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy			Cloudy				Clear											
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	NW	N	NE	NE	NE	E	E	E	E	SE	S	SE	SE	S	S	S	S	S	S	S	S	S	S	S
Wind movement	5	6	3	4	3	5	5	6	5	5	7	7	8	10	13	12	11	10	9	7	10	13	11	10

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 1:00 a Cloudy

Sunset: Time, 7:17 Character, Cloudy
Moonset: 2:18 p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 77
Prevailing wind direction, S Total wind, 185
Average hourly velocity, 7.7 Extreme velocity, 16
Maximum velocity, 16 Direction, S
Time began, 2:26 pm.
Reduced barometer, 30.19 7 a. m. 29.95 7 p. m.
River gage, 5.5 feet
Relative humidity, 85 7 a. m. 63 7 p. m.

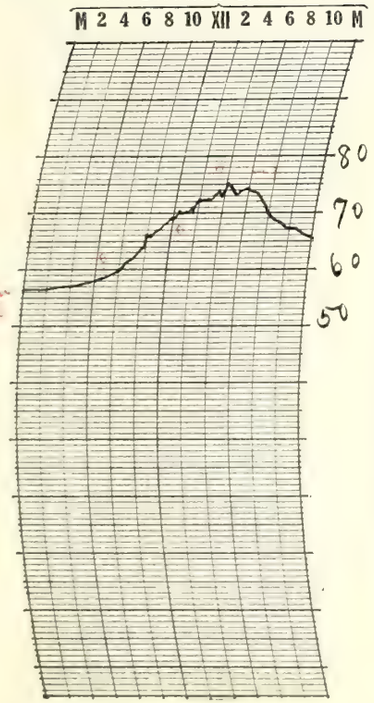
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

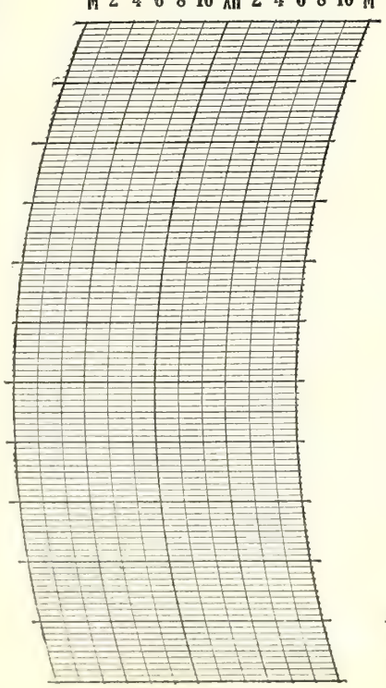
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.7 Wet temperature, 58.4
Dew-point, 52 R. humidity, 58 V. pressure, 387
Clouds: Amount, 3; Kind, St cu; Direction, SE
Velocity of clouds (miles per hour)

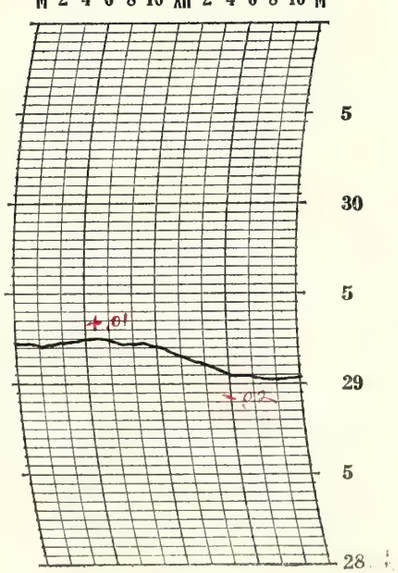
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

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NOTES

The cloudiness of the early morning gradually decreased and the sky was mostly clear after about 10:00 am. Clear into the night. Stars bright.

The temperature rose rapidly from early morning and it became warm and pleasant in the afternoon. The average temperature was still below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 25 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	66	67	67	68	70	73	74	76	78	79	83	84	87	85	82	77	75	72	70	68	66	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy								Clear								
Sunrise: Time, Character	4:10 Cloudy																				Sunset: Time, Character	7:17 Cloudy		
Moonrise:	1:31a Cloudy?																				Moonset:	3:32p Cloudy		
Sunshine (in tenths of hours)					0	0.2	0.5	1.0	0.4	0.7	0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.4	0				
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	11	15	15	18	17	18	18	20	17	17	12	15	17	15	16	20	18	18	16	12	10	12	13	11
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	62	74	

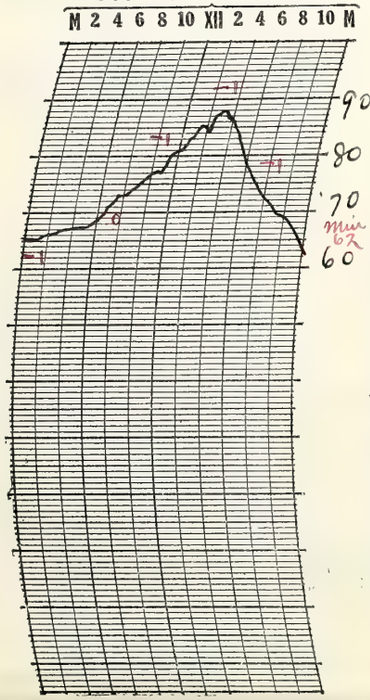
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 66
Prevailing wind direction, SW Total wind, 371
Average hourly velocity, 15.5 Extreme velocity, 26
Maximum velocity, 25 Direction, SW
Time began, 7:13 am
Reduced barometer, 29.80 7 a. m. 29.83 7 p. m.
River gage, 5.0 feet
Relative humidity, 74 67 a. m. 54 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

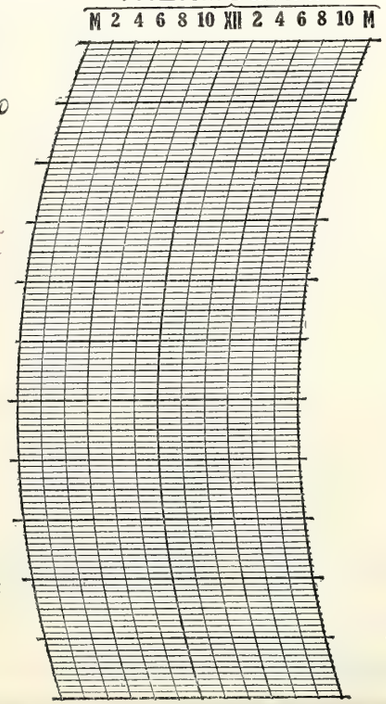
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 71.6
Dew-point, 68 R. humidity, 70 V. pressure, 684
Clouds: Amount, 4; Kind, cu; Direction, W R
Velocity of clouds (miles per hour)

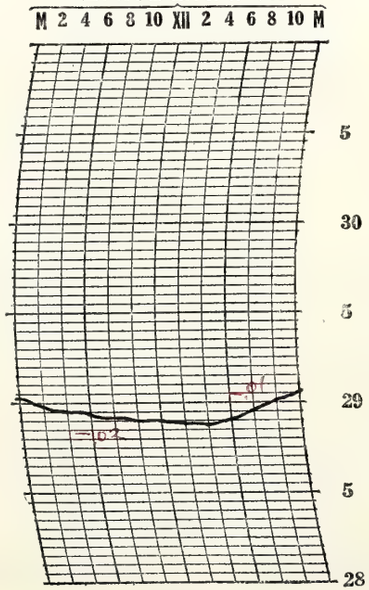
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.W.R.

Verified by O. E. Russell

8—486

NOTES

The sky was partly cloudy until afternoon and then clear into the night. Stars brilliant.

It was warm and pleasant with temperatures above the normal. Moderate winds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	55	54	52	52	53	56	60	63	64	66	68	68	69	70	71	70	69	68	65	64	62	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					.83 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 .28 0.5	0				
Wind direction	N	N	N	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	NE	NE	NE	E	E	E
Wind movement	12	8	8	8	6	8	11	11	11	13	13	13	11	12	11	12	10	10	7	6	5	7	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:10 Character, Clear
Moonrise: 2:05a Clear
Sunset: Time, 7:17 Character, Clear
Moonset: 4:45p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

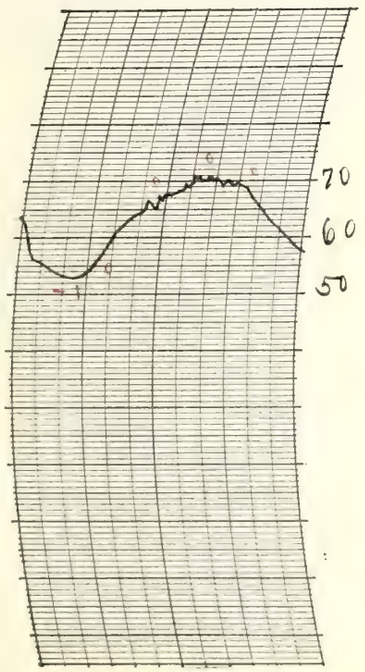
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 222
Average hourly velocity, 9.2 Extreme velocity, 18
Maximum velocity, 17 Direction, N
Time began, 10:09 am
Reduced barometer 30.14 7 p. m. 30.19 7 p. m.
River gage, 4.7 feet
Relative humidity, 77 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.5 Wet temperature, 54.0
Dew-point, 42 R. humidity, 40 V. pressure, 2.66
Clouds: Amount, 3; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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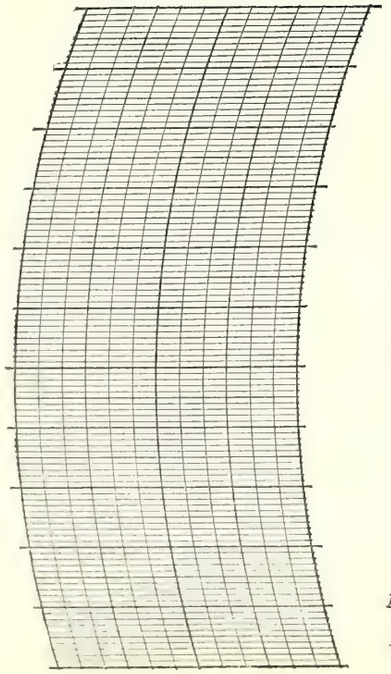
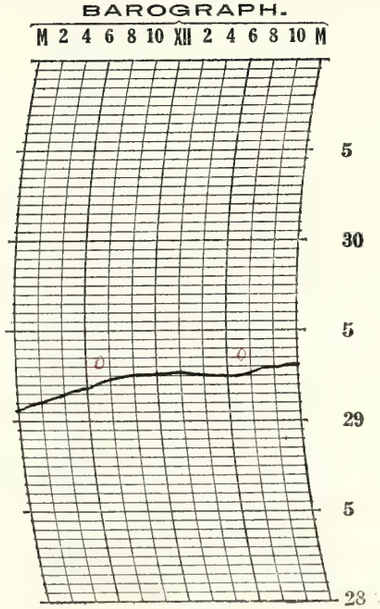


BAROGRAPH.



Prepared by Olds

Verified by C. E. Russell

8—486

NOTES

Some cloudiness prevailed the greater part of the day but the day as a whole was clear. Clear into the night. Stars brilliant.

While the temperature averaged below normal the weather was fine and pleasant.

Pons-Winnecke Comet observed 9:00 p.m. in Delphinus - above eastern horizon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	52	50	54	59	62	63	66	67	69	71	72	73	74	74	74	73	71	70	68	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear																			→
Sunshine (in tenths of hours)					.82 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	2.8 0				
Wind direction	E	E	O	E	E	E	E	E	NE	E	NE	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	1	0	2	2	1	3	5	6	7	9	9	6	7	6	6	5	5	3	5	6	5	5	6

Sunrise: Time, 4:11 Character, Clear
Moonrise: 2:44a Clear
Sunset: Time, 7:17 Character, Clear
Moonset: 5:56p Clear

Maximum velocities (exceeding 2.9 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

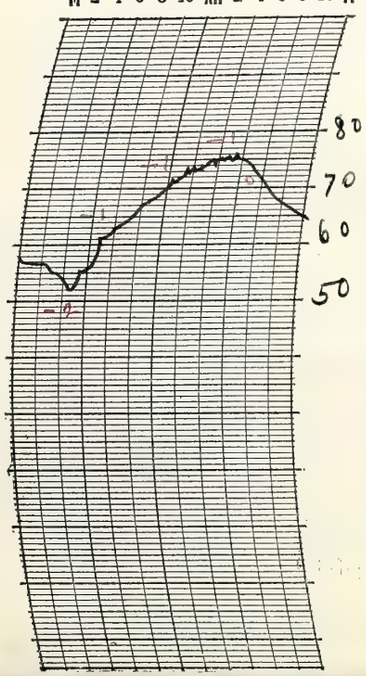
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 113
Average hourly velocity, 4.7 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 10:17 am
Reduced barometer, 30.30 7 a. m. 30.21 7 p. m.
River gage, 3.8 feet
Relative humidity, 64 7 a. m. 33 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.7 Wet temperature, 53.7
Dew-point, 40 R. humidity, 36 V. pressure, .247
Clouds: Amount, Few; Kind, ast; Direction, W?
Velocity of clouds (miles per hour)

THERMOGRAPH



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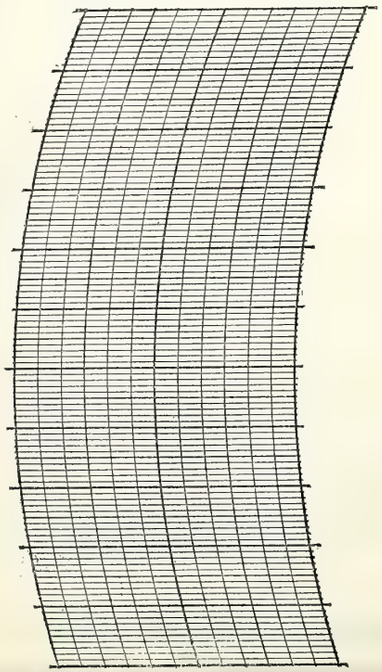

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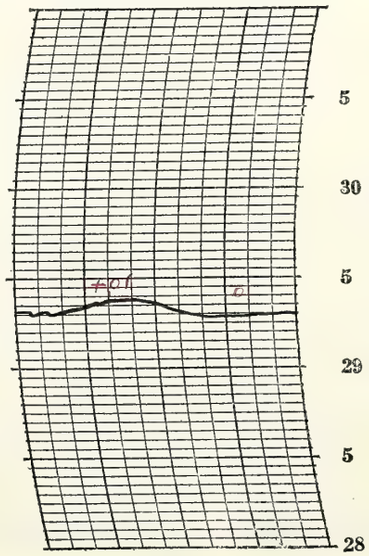


Prepared by O.G.R.

Verified by O. G. Russell

8—486

NOTES

Only a very few clouds appeared during the day. Clear into the night. Stars brilliant.

It was cool in the early morning but warmed up rapidly. The weather was very fine — almost ideal.

Pons-Winnecke Comet observed east of Delphinus — just above horizon in east at 10:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	59	58	58	61	65	70	73	75	77	80	82	84	85	87	86	86	84	81	78	73	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)					82 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	2.8 0				
Wind direction	SE	S	S	S	S	S	S	SE	S	SE	SE	S	SW	SW	S	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	4	6	4	4	4	7	8	8	10	9	9	8	9	11	10	13	12	9	7	6	7	7	7	8

Sunrise: Time, 4:11 Character, Clear
Moonrise: 3:29a Clear
Sunset: Time, 7:17 Character, Clear
Moonset: 7:01p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

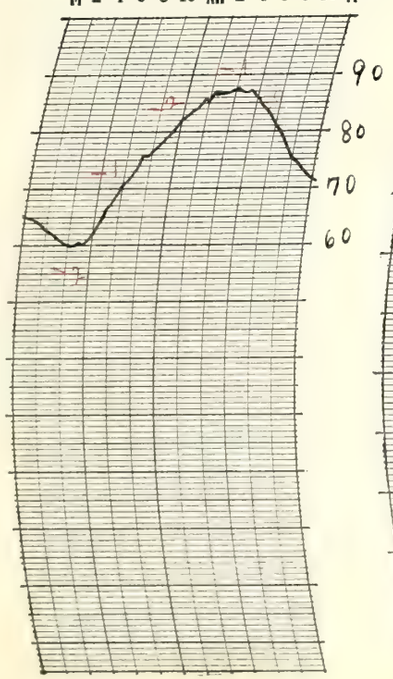
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, S-SW Total wind, 187
Average hourly velocity, 7.8 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 2:35 p. m.
Reduced barometer, 30.26 7 a. m. 30.14 7 p. m.
River gage, 3.0 feet
Relative humidity, 58 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 62.4
Dew-point, 51 R. humidity, 37 V. pressure, 373
Clouds: Amount, Few; Kind, Cirr; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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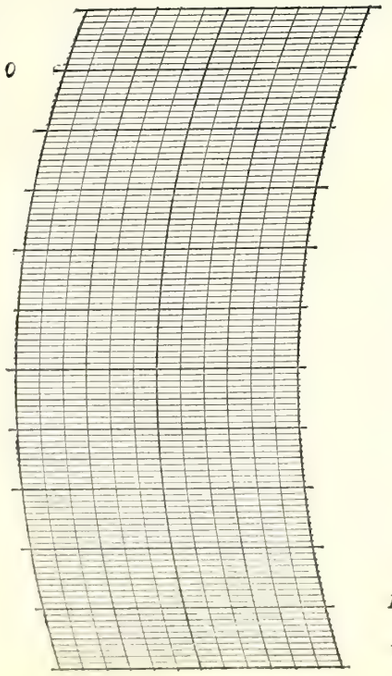
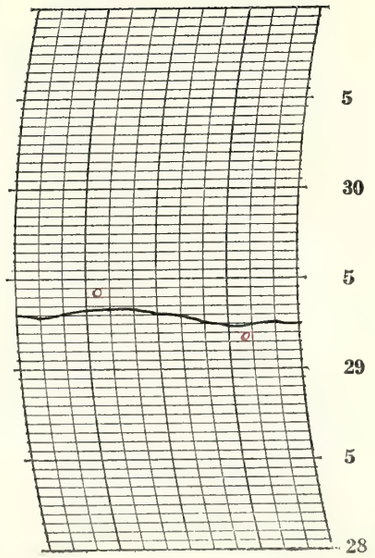


BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

8—480

NOTES

A small amount of clouds appeared during the forenoon. Cloudless during the afternoon and into the night. Stars brilliant.

The temperature averaged about normal. The weather continued very fine.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 29 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	66	66	65	66	73	79	82	85	86	86	89	91	91	92	92	90	88	85	83	81	79	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	<										— Clear													>
Sunshine (in tenths of hours)					0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	12	11	8	10	8	8	9	11	14	14	10	9	10	12	11	10	8	6	6	5	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:11 Character, Clear
Moonrise: 4:22a Clear
Sunset: Time, 7:17 Character, Clear
Moonset: 7:59p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

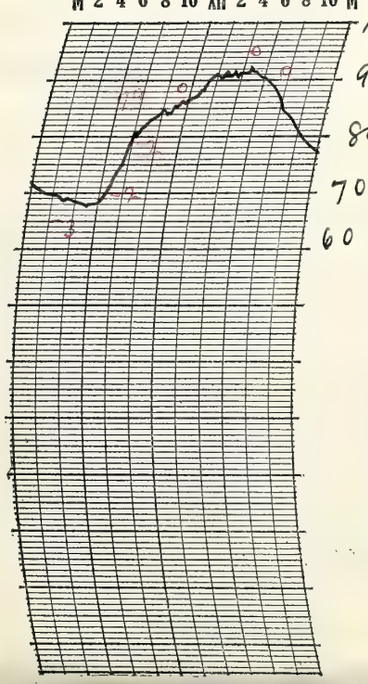
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	92	65	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New 12:32a
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 17
Maximum velocity, 17 Direction, W
Time began, 10:35 p.m.
Reduced barometer, 30.19 7 a. m. 30.09 7 p. m.
River gage, 2.5 fall
Relative humidity, 77 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.0 Wet temperature, 72.8
Dew-point, 67 R. humidity, 53 V. pressure, 661
Clouds: Amount, 2; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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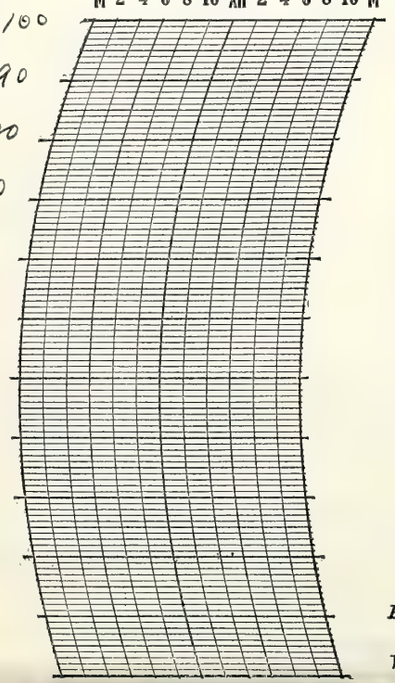
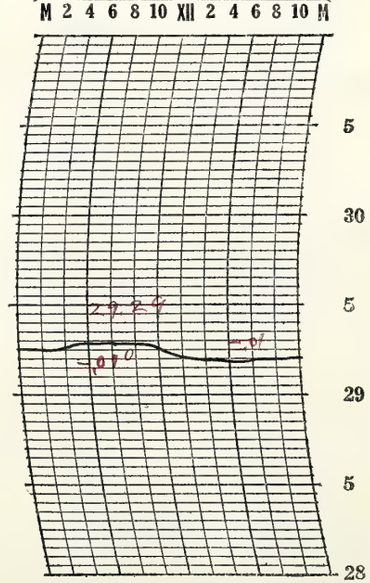


BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

NOTES

A small amount of cumulus clouds appeared during the middle of the day but the sky was mostly clear the greater part of the time. Cloudless into the night. Stars bright.
The weather was pleasant altho it became hot in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 30 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	74	73	72	73	77	81	84	87	88	91	92	92	92	94	93	92	92	88	86	84	80	79
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					.80 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.5 0	.28 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	8	5	6	6	7	5	6	6	7	7	5	7	7	6	5	4	3	4	1	1	2	2

Sunrise: Time, 4:12 Character, Clear

Moonrise: 5:21 a Clear

Sunset: Time, 7:17 Character, Clear

Moonset: 8:49p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	72	83	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.0 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 93

Prevailing wind direction, SW Total wind, 124

Average hourly velocity, 5.2 Extreme velocity, 9

Maximum velocity, 9 Direction, SW

Time began, 2:10 am

Reduced barometer, 30.13 7 a. m. 30.00 7 p. m.

River gage, 2.0 fall

Relative humidity, 76 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

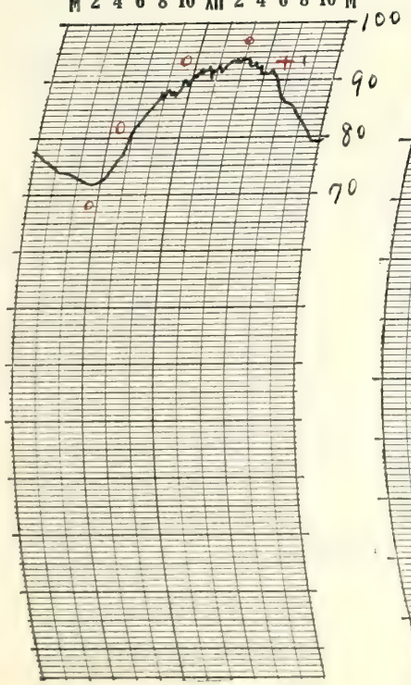
Dry temperature, 91.1 Wet temperature, 75.1

Dew-point, 68 R. humidity, 48 V. pressure, 684

Clouds: Amount, 3; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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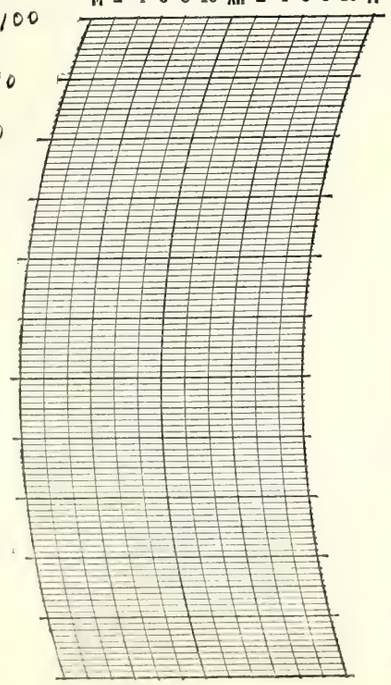
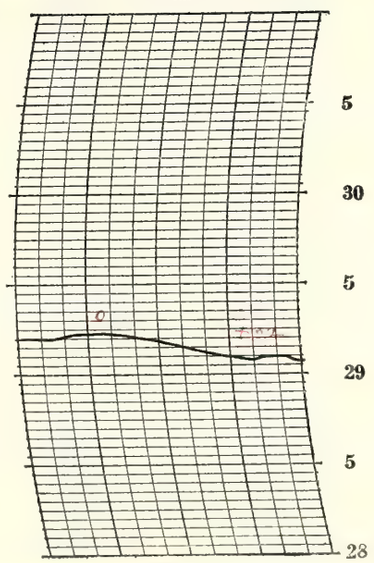


BAROGRAPH.



Prepared by O.E.P.

Verified by O.A. Kuosell

8—486

NOTES

There was some cloudiness during the day although the sky was mostly clear the greater part of the time. Clear into the night. Stars bright.

The weather was hot with temperatures several degrees above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 1 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	75	74	74	73	79	82	86	87	91	92	94
State of weather: Nature of precipitation and time of beginning and ending						RB 5:05 RE 5:10						
Amounts of precipitation						T						
Cloudiness and other conditions		←	Clear		×	Ptly	×					
Sunrise: Time, Character	4:12 Clear											
Moonrise: Time, Character	6:23a Cloudy											
Sunshine (in tenths of hours)					.80 0	0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	O	SW	SW	SW	SW	SW	W	W	SW	S	SW
Wind movement	1	0	2	1	1	2	2	2	4	6	6	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	93	92	94	95	95	93	90	87	82	78	77	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear			×	Ptly	×		Cloudy		→
Sunset: Time, Character									7:17 Cloudy			
Moonset: Time, Character									9:30p Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0	0				
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	N
Wind movement	6	8	7	6	6	7	5	5	16	12	9	5

Maximum velocities (exceeding 30 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	73	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind, 125
Average hourly velocity, 5.2 Extreme velocity, 33
Maximum velocity, 28 Direction, NW
Time began, 8:30 p. m.
Reduced barometer, 29.997 a. m. 29.88 7 p. m.
River gage, 0.7 ft. — dam closed
Relative humidity, 62 7 a. m. 48 7 p. m.

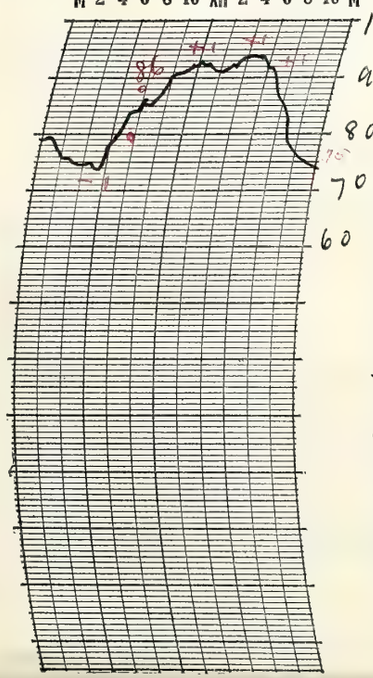
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 94.0 Wet temperature, 74.0
Dew-point, 65 R. humidity, 39 V. pressure, 616
Clouds: Amount, 2 Few; Kind, Cu a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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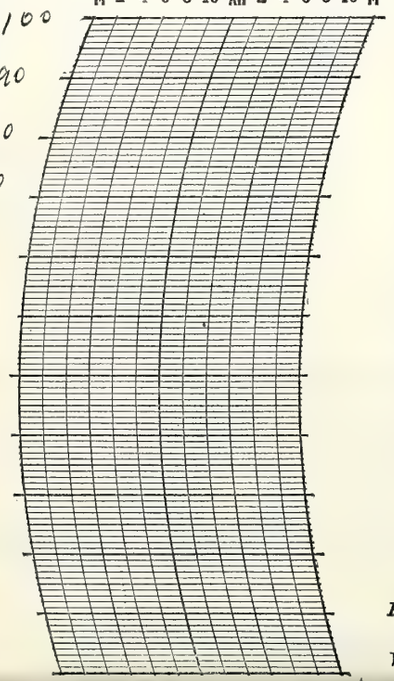
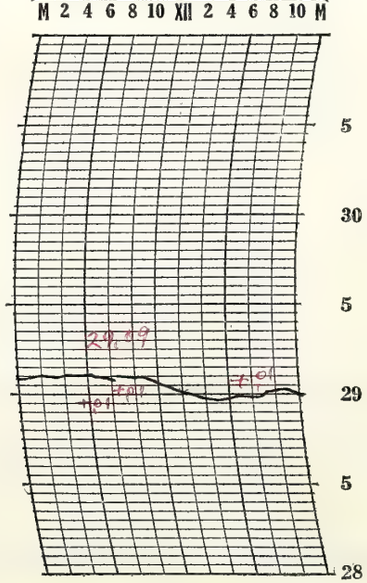


BAROGRAPH.



Prepared by O.A.R.

Verified by E.L.H.

8—486

NOTES

A light sprinkle of rain occurred in the early morning. The sky was partly cloudy for a short while in the morning but it was mostly clear the greater part of the day. The cloudiness increased in the late afternoon and it was mostly cloudy into the night. Thunder was first heard at 6:45 p.m. and continued till about 9:00 p.m. No rain fell at the station but a heavy shower was reported with in six miles of the city.

The weather was hot and sultry. The maximum temperature, 95.1°, is the highest of the year, to date.

Solar halo, 22° radius, observed 7:45 am to 8:20 am

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	72	70	71	73	74	77	79	79	80	82	83	83	82	80	78	74	71	69	68	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<	—	—	Cldy	X		Pt cldy			X					Clear		X		Pt cldy		>
Sunshine (in tenths of hours)					0	0	0.3	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	2.8 0				
Wind direction	NW	W	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	3	5	5	5	7	9	8	13	11	11	11	12	16	18	20	18	17	14	10	9	10	10	10

Sunrise: Time, 4:13 Character, Cloudy
Moonrise: 7:27a Cloudy
Sunset: Time, 7:17 Character, Clear
Moonset: 10:04p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

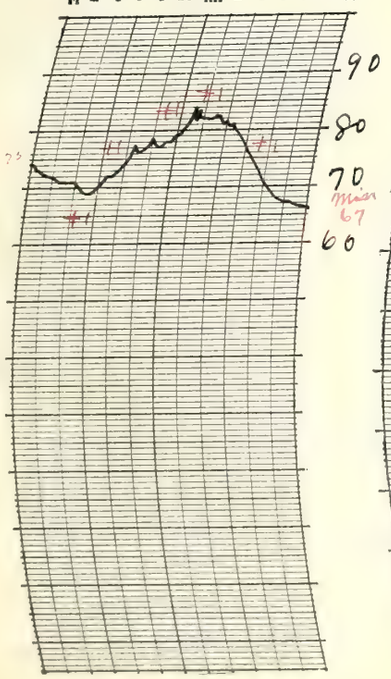
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 79
Prevailing wind direction, NW Total wind, 256
Average hourly velocity, 10.7 Extreme velocity, 24
Maximum velocity, 24 Direction, NW
Time began, 8:19 p.m.
Reduced barometer, 29.91 7 a. m. 29.94 7 p. m.
River gage, 1.6 feet.
Relative humidity, 84 7 a. m. 45 7 p. m.

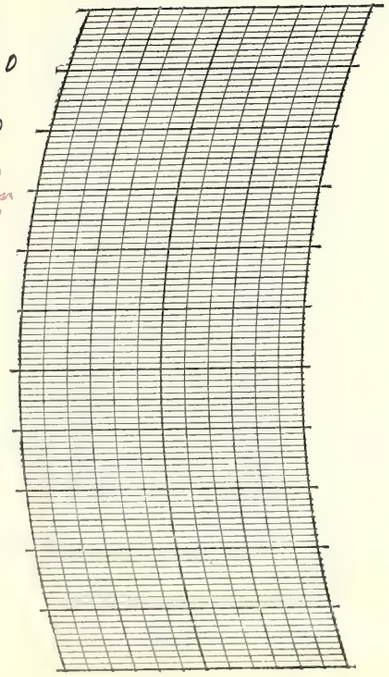
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.5 Wet temperature, 72.0
Dew-point, 68 R. humidity, 66 V. pressure, 684
Clouds: Amount, 6; Kind, Acu; Direction, NW
Velocity of clouds (miles per hour)

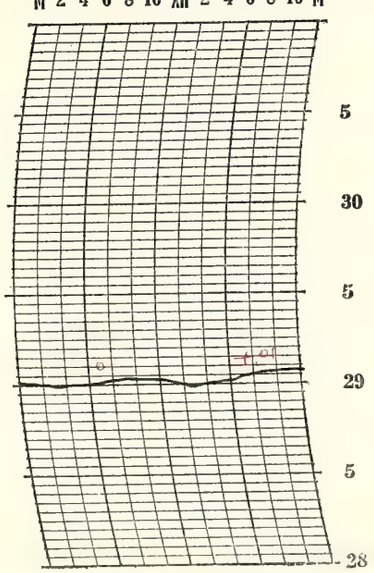
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OEK.

Verified by E.L.H.

8—486

NOTES

The cloudiness varied somewhat from time to time and the day as a whole was partly cloudy. Partly cloudy into the night. New moon visible in the evening. Brighter stars visible through the clouds.

The weather was cooler than on the previous date although it was still rather sultry.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 3 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	61	60	57	58	60	62	64	66	69	70	72	73	74	73	72	70	63	61	58	56	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					.78 0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.28 0				
Wind direction	NW	NW	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	NW	NW	NW	NW	N
Wind movement	11	10	11	11	11	12	11	13	12	14	13	13	12	11	12	12	10	10	10	10	11	9	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:13 Character, Clear
Moonrise: 8:30a Clear
Sunset: Time, 7:17 Character, Clear
Moonset: 10:33p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

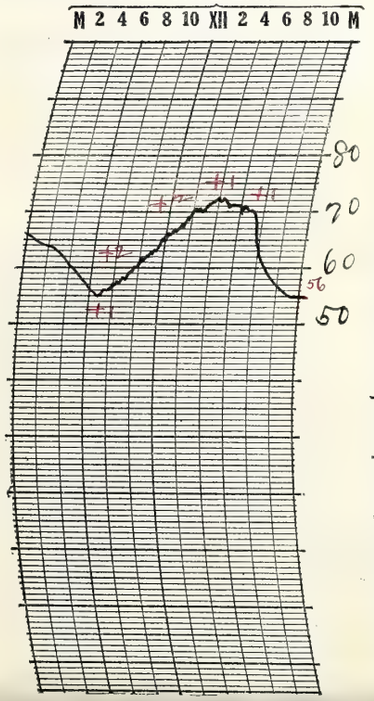
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	56	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 93
Prevailing wind direction, NW Total wind, 265
Average hourly velocity, 11.0 Extreme velocity, 18
Maximum velocity, 17 Direction, NW
Time began, 9:14.3 am
Reduced barometer, 30.14 7 a. m. 30.16 7 p. m.
River gage, 1.7 feet
Relative humidity, 54 7 a. m. 40 7 p. m.

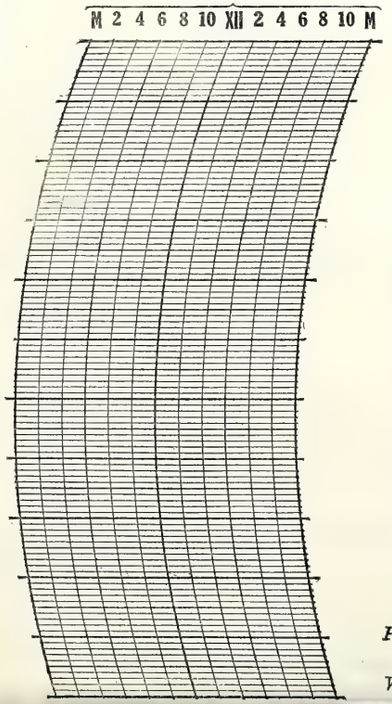
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.1 Wet temperature, 54.6
Dew-point, 42 R. humidity, 38 V. pressure, 266
Clouds: Amount, 3; Kind, cirr; Direction, W
Velocity of clouds (miles per hour)

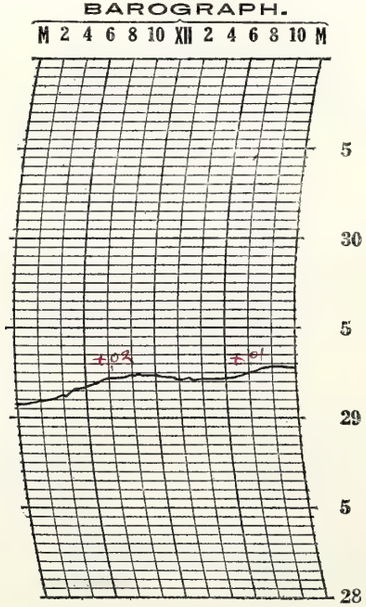
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.

Verified by E.L.H.

NOTES

More or less cloudiness prevailed all day but they were mostly thin and did not interfere greatly with the sunshine. The day as a whole was clear. Some cloudiness into the night altho the brighter stars were visible.

The weather was fine although it was cool in the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 4 1927, 1927

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	55	54	55	58	59	61	63	66	67	70	71	72	73	72	71	71	69	67	66	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					.77 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.27 0				
Wind direction	N	NE	NE	E	E	NE	E	E	E	NE	NE	E	E	NE	N	NE	NE	NE	NE	E	E	E	E	E
Wind movement	9	9	5	7	5	4	6	6	5	6	5	5	5	5	7	5	6	5	4	4	2	3	3	4

Clear

Sunrise: Time, 4:14 Character, Clear
Moonrise: 9:31a Clear

Sunset: Time, 7:16 Character, Clear
Moonset: 10:59p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

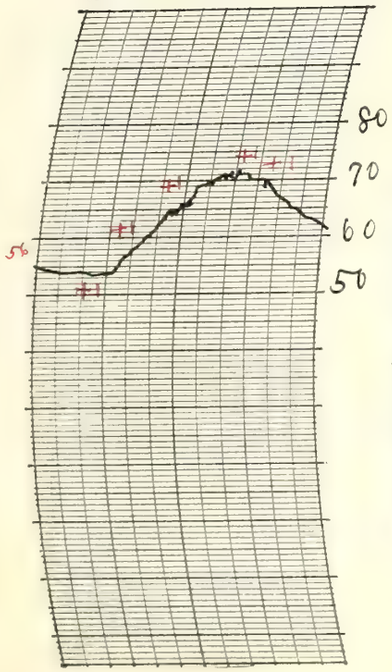
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 125
Average hourly velocity, 5.2 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 12:12 am
Reduced barometer, 30.32 7 a. m. 30.23 7 p. m.
River gage, 1.6 feet
Relative humidity, 62 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.2 Wet temperature, 54.2
Dew-point, 43 R. humidity, 42 V. pressure, 27.7
Clouds: Amount, 1; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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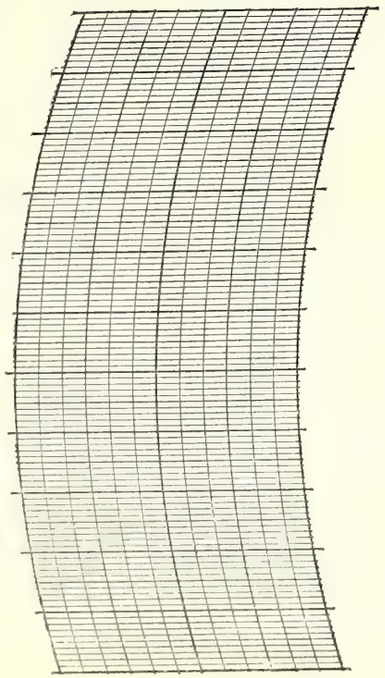
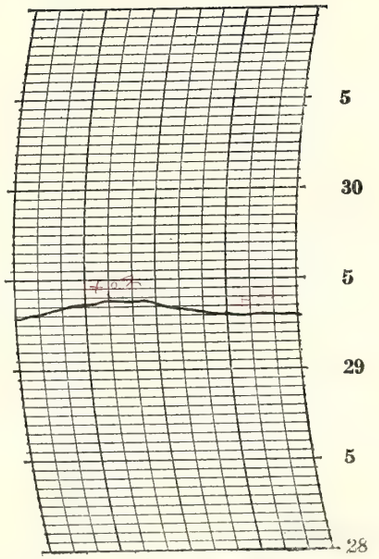


BAROGRAPH.



Prepared by O.E.R.

Verified by E.G.N.

8—486

NOTES

There was a small amount of clouds at times. For a while in the forenoon the sky was entirely cloudless and deep blue. Mostly clear into the night. Moon visible in the evening. Stars bright.

It was cool in the morning but the weather for the day as a whole was fine.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 5 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	58	59	58	58	60	62	63	66	71	73
Nature of precipitation and time of beginning and ending								RB 7:25 RE 7:30				
Amounts of precipitation								T				
Cloudiness and other conditions								Cloudy			X Pt Cldy	

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	76	77	77	77	77	75	73	71	69	68	67
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X Pt Cldy				X Clear			X Pt Cldy				

Sunrise: Time, 4:15 Character, Cloudy
Moonrise: 10:31a Cloudy

Sunset: Time, 7:16 Character, Cloudy
Moonset: 11:22p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.6	0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.6	0	0				
Wind direction	SE	SE	SE	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	S	SE	SE	SE	S	S	S
Wind movement	5	4	5	7	6	6	7	10	8	9	9	8	5	7	9	8	9	8	6	6	8	11	11	11

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

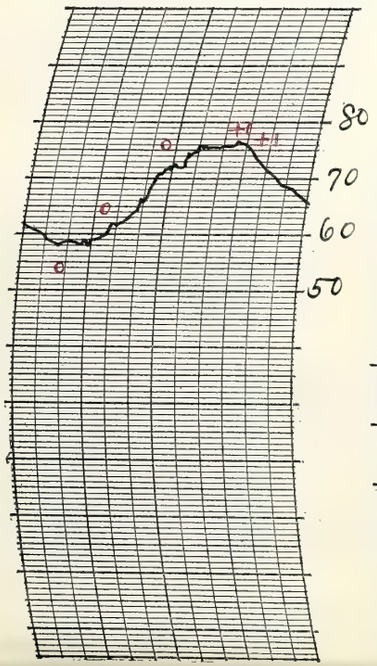
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.7 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 58
Prevailing wind direction, S Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 10:00 am
Reduced barometer, 30.29 7 a. m. 30.08 7 p. m.
River gage, 1.7 fall
Relative humidity, 63 7 a. m. 39 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.2 Wet temperature, 57.5
Dew-point, 45 R. humidity, 37 V. pressure, 2.98
Clouds: Amount, 3; Kind, Cu Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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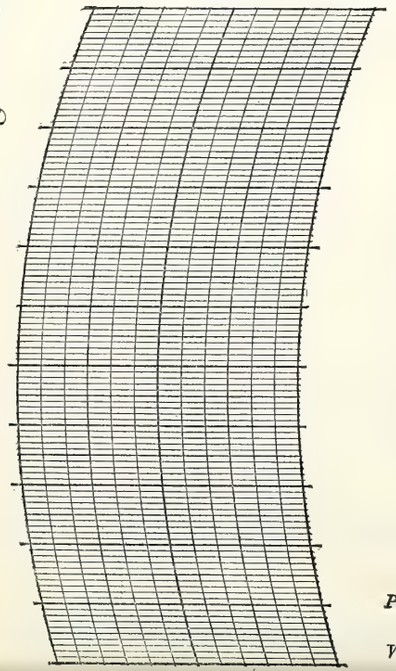
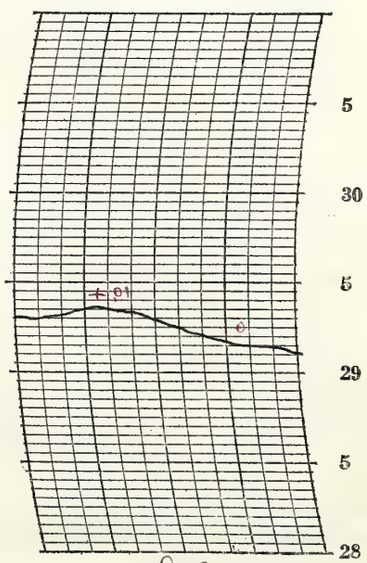


BAROGRAPH.



Prepared by O.E.R.

Verified by E.L.H.

8—486

NOTES

It was cloudy and threatening in the morning and a light sprinkle of rain occurred between 7:00 am and 8:00 am. It cleared off somewhat in the afternoon but was partly cloudy into the night. The brighter stars were visible through the clouds and there was dim moonlight at times.

The temperature averaged below the normal. Weather rather pleasant.

Solar halo, 22° radius, observed 10:18 am for a few minutes.

Lunar halo, 22° radius, observed 8:30 p.m. to about 9:15 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 6 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	64	65	63	62	63	68	72	76	79	81	84	86	88	88	89	87	85	82	80	79	75	60
Nature of precipitation and time of beginning and ending				RB DN			RE 6:15														RB 9:35 RE 8:40		RB DN	
Amounts of precipitation				T	.09	.10	.01														T		.06	.74
Cloudiness and other conditions	Clear X						Cloudy X			Pt Cldy X						Clear				X Pt Cldy	X Cloudy X			

Sunrise: Time, 4:15 Character, Cloudy
Moonrise: 11:30 a Clear
Sunset: Time, 7:16 Character, Cloudy
Moonset: 11:45 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0				
Wind direction	S	S	S	S	SW	SW	S	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	SW	SW	NW	SW
Wind movement	10	9	11	9	12	7	13	14	18	15	13	14	14	17	19	16	13	12	7	3	7	7	18	20
Maximum velocities (exceeding 29 miles) direction and time																							38 NW 10:46	32 NW 11:10

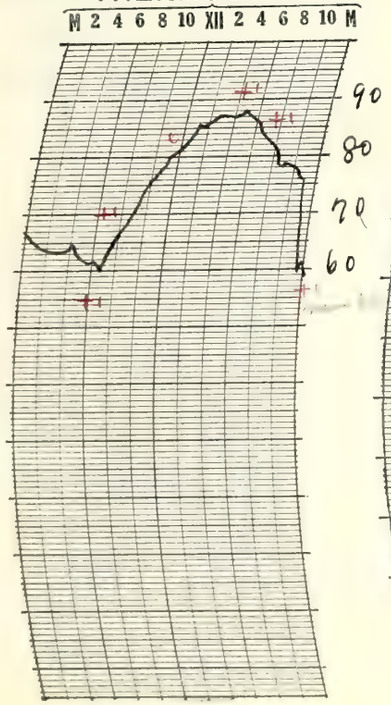
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	60	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 1.00 inches.
Character of day, Pt cloudy Moon phase, First Quarter 6:52 p m
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 76
Prevailing wind direction, SW Total wind, 298
Average hourly velocity, 12.4 Extreme velocity, 44
Maximum velocity, 38 Direction, NW
Time began, 10:46 p. m.
Reduced barometer, 29.98 7 a. m. 29.82 7 p. m.
River gage, 1.6 Fall
Relative humidity, 82 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 81.3 Wet temperature, 70.6
Dew-point, 66 R. humidity, 59 V. pressure, .638
Clouds: Amount, 1; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	6" DNP 7" ----	---- DN a	0.85	11:14 p	12 m'dt 00	.12	.11	.16	.21	.33	.40	.47	.54	.61	.67	.68				

THERMOGRAPH



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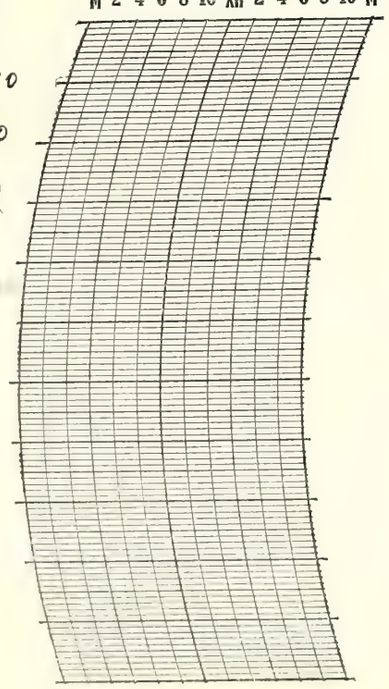
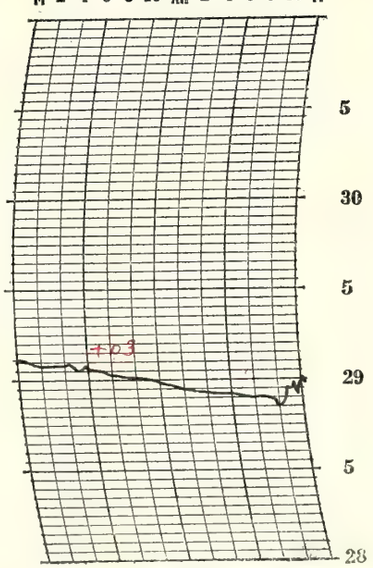


BAROGRAPH.



Prepared by O.R.P.

Verified by E. L. H.

8—486

NOTES

The stars were visible at 1:30 am. A light shower occurred in the early morning with a thunderstorm from 5:50 am to 6:15 am. The cloudiness varied considerably from time to time during the day and the day as a whole was partly cloudy. Moon and stars visible for a while in the evening. A light sprinkle occurred shortly after 8:30 p.m. and a severe thunderstorm accompanied by a heavy rainfall occurred late at night. (10:45 p.m.)

The temperature rose rapidly in the forenoon and it became warm and sultry in the afternoon. The temperature fell rapidly during the thunderstorm late at night.

*By interpolation and observation

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	63	64	66	67	72	74	74	75	78
Nature of precipitation and time of beginning and ending	---	RE DN					RB 6:10 RE 6:25					
Amounts of precipitation	.05	T					.01					
Cloudiness and other conditions	Cloudy							X Pt Cldy			X	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	75	76	74	73	71	69	67	66	65	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								

State of weather.

Sunrise: Time, 4:16 Character, Cloudy

Moonrise: 12:29p Cloudy

Sunset: Time, 7:16 Character, Clear

Moonset: — —

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.5	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	S	S	S	S	SW	SW	W	W	W	W	N
Wind movement	16	9	6	4	5	9	8	10	14	13	10	11
Maximum velocities (exceeding 29 miles) direction and time	33 W 1208											

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.6	2.7 0				
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	11	12	14	13	15	15	10	6	2	1	1	3

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	60	70	

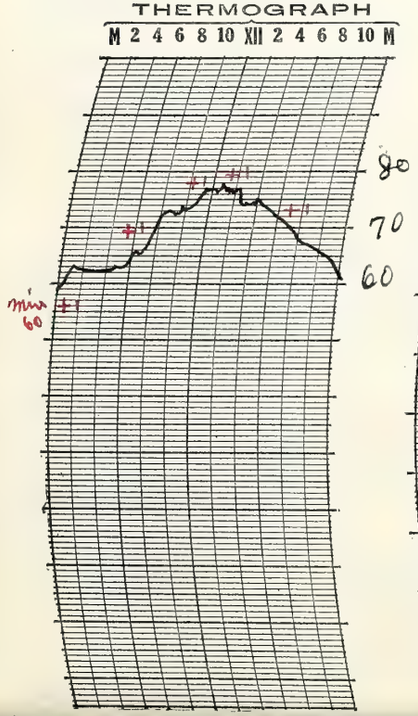
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .86 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.9 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 86
Prevailing wind direction, N Total wind, 218
Average hourly velocity, 9.1 Extreme velocity, 35
Maximum velocity, 33 Direction, W
Time began, 12:08 am
Reduced barometer, 29.978 7 a. m. 29.987 7 p. m.
River gage, 1.9 feet
Relative humidity, 78 7 a. m. 54 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77.7 Wet temperature, 67.1
Dew-point, 62 R. humidity, 58 V. pressure, .555
Clouds: Amount, 3; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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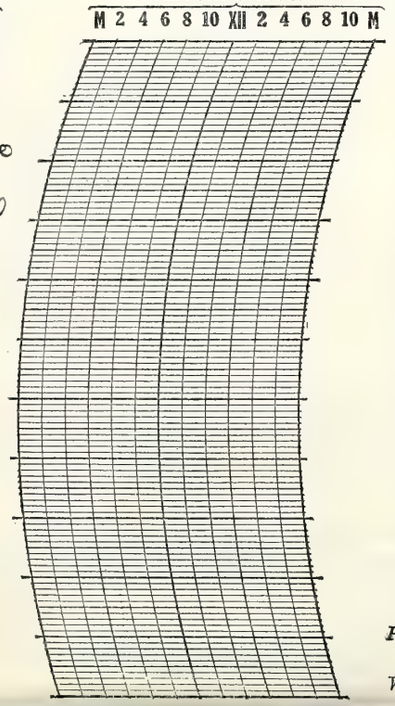

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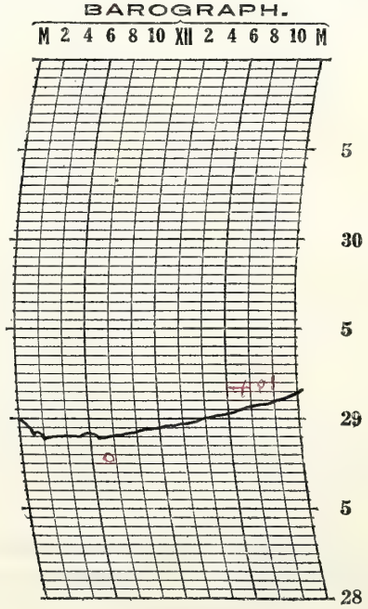


Prepared by D.E.R.

Verified by E.L.H.

NOTES

A thunderstorm accompanied by rain continued from the previous date and ended in the early morning. A light rain occurred between 6:00 am and 7:00 am. The cloudiness decreased during the forenoon, the afternoon was mostly clear and it continued clear into the night with moonlight. Moderate temperatures.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 8 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	56	60	64	66	68	70	71	73	74	74	76	75	77	76	76	73	71	68	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Clear								→			
Sunshine (in tenths of hours)					63 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	.25 0				
Wind direction	NE	NE	NE	NE	N	N	NE	NE	NE	E	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	E	E	E	SE
Wind movement	7	5	3	3	3	3	5	6	6	5	6	6	6	6	7	5	7	5	3	2	2	4	5	4

Sunrise: Time, 4:16 Character, Clear
Moonrise: 1:28p Clear
Sunset: Time, 7:45 Character, Clear
Moonset: 12:09a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

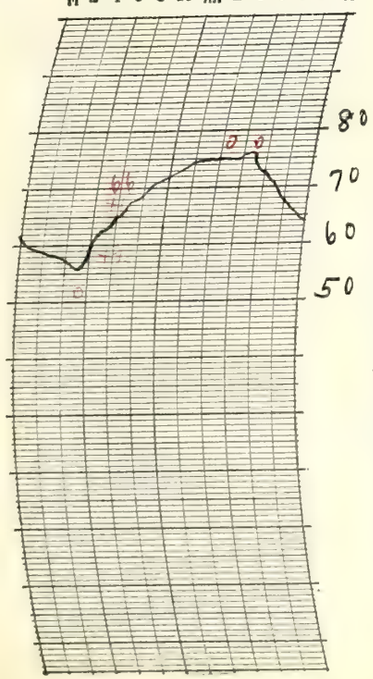
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 114
Average hourly velocity, 4.8 Extreme velocity, 9
Maximum velocity, 9 Direction, N
Time began, 12:14 am.
Reduced barometer, 30.17 7 a. m. 30.15 7 p. m.
River gage, 1.8
Relative humidity, 52 7 a. m. 37 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.1 Wet temperature, 57.6
Dew-point, 46 R. humidity, 38 V. pressure, 31.0
Clouds: Amount, Few; Kind, Stra; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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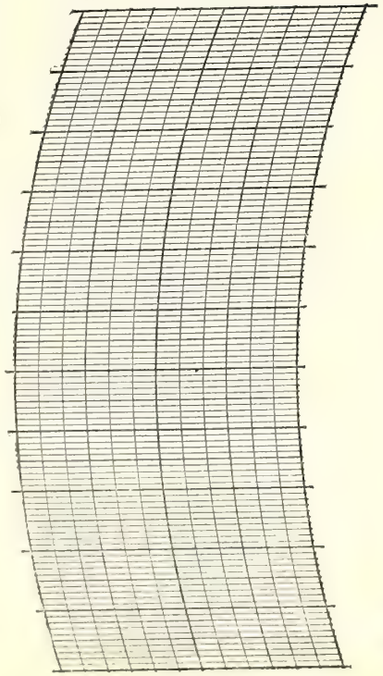

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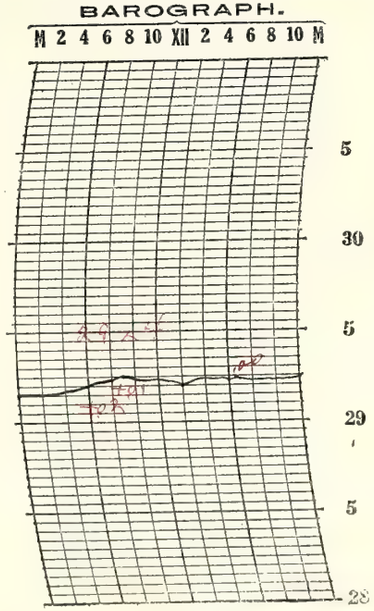


Prepared by E. L. H. & O. K.

Verified by E. L. H.

8—486

NOTES

Clear, cool pleasant day - Clear, beautiful, day and night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 9 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	58	57	56	59	64	70	74	74	77	76	78	79	80	79	79	78	77	75	72	71	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←					Clear					→	←	Pt. Cldy				→	←	Cloudy		→
Sunshine (in tenths of hours)					.72 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0				
Wind direction	SE	SE	SE	SE	SE	SE	E	SE	SE	SE	E	E	SE	SE	SE	E	E	E	E	E	E	E	E	E
Wind movement	3	2	1	1	2	2	2	3	3	5	6	4	7	7	5	5	6	6	4	4	4	5	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:17 Character, Clear
Moonrise: 2:29p Clear
Sunset: Time, 7:15 Character, Cloudy
Moonset: 12:33a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

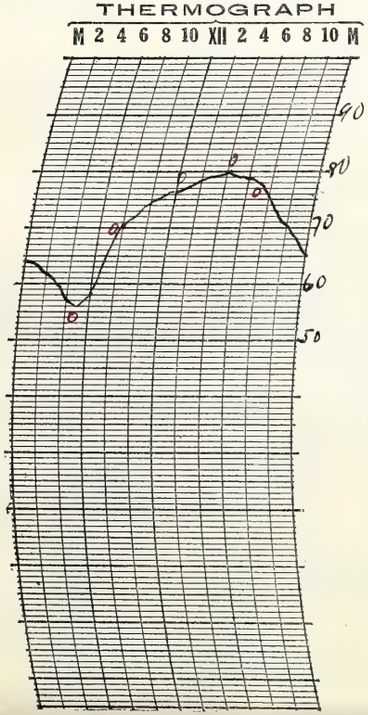
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 92
Prevailing wind direction, E/SE Total wind, 100
Average hourly velocity, 4.2 Extreme velocity, 8
Maximum velocity, 8 Direction, E/SE
Time began, 1:05 PM
Reduced barometer, 30.17 7 a. m. 30.02 7 p. m.
River gage, 1.5
Relative humidity, 58 7 a. m. 39 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.5 Wet temperature, 59.9
Dew-point, 49 R. humidity, 40 V. pressure, .347
Clouds: Amount, 1; Kind, Cu. Cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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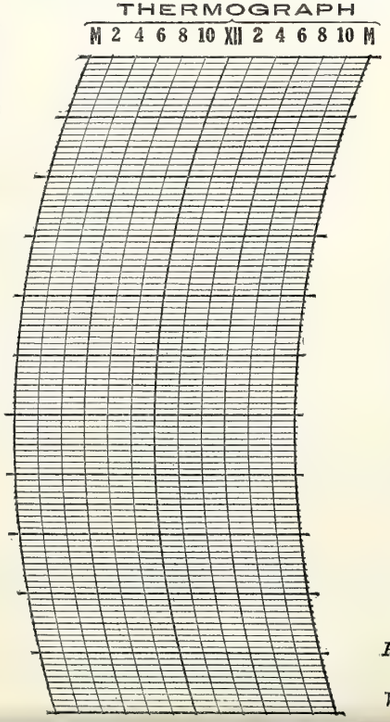

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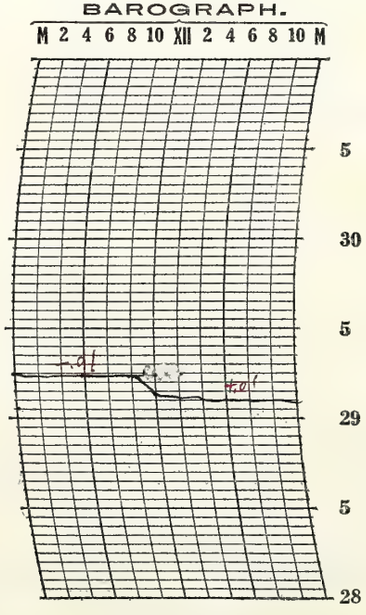


Prepared by E. L. H.

Verified by E. L. H.

NOTES

Clear, pleasant day. Few clouds by 3 P.M. and partly cloudy from that time until 8:00 P. when sky became cloudy.

8—486

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 10 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	65	63	64	65	66	68	70	71	75	75
State of weather: Nature of precipitation and time of beginning and ending						R.B 5:50	RE 6:10 A	R.B 7:32 a	RE 8:40 A			
Amounts of precipitation						T	T	T	T			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character, 4:18 Cloudy												
Moonrise: 3:32p Clear												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.5	1.0
Wind direction	E	E	S	S	S	E	S	S	SW	S	S	SE
Wind movement	4	3	4	3	3	3	4	2	6	4	3	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	82	82	80	78	76	72	71	69	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cldy								Clear			
Sunset: Time, Character, 7:15 Cloudy												
Moonset: 1:01 a Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	E	SE	SE	NE	NE	NE	SE	SW	SW	NE	SE	S
Wind movement	4	5	5	7	8	9	5	7	2	3	5	4

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	63	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.1 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 47

Prevailing wind direction, S Total wind, 106

Average hourly velocity, 4.4 Extreme velocity, 11

Maximum velocity, 11 Direction, NE

Time began, 5:08 P.M.

Reduced barometer, 30.01 7 a. m. 29.997 p. m.

River gage, 1.5

Relative humidity, 66 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

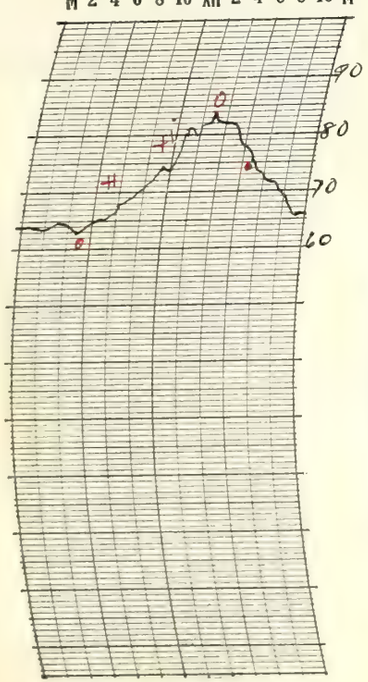
Dry temperature, 74.9 Wet temperature, 64.4

Dew-point, 58 R. humidity, 57 V. pressure, .487

Clouds: Amount, 10; Kind, St.; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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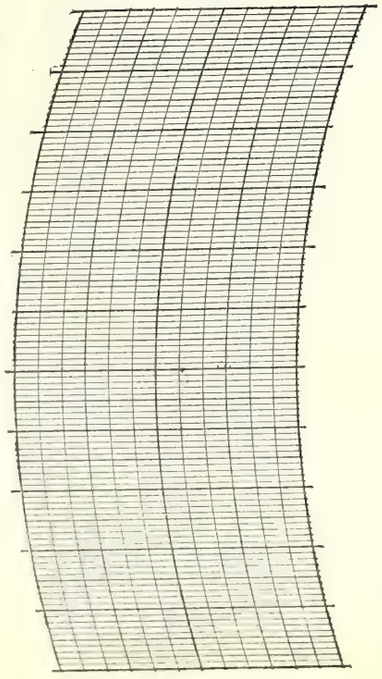

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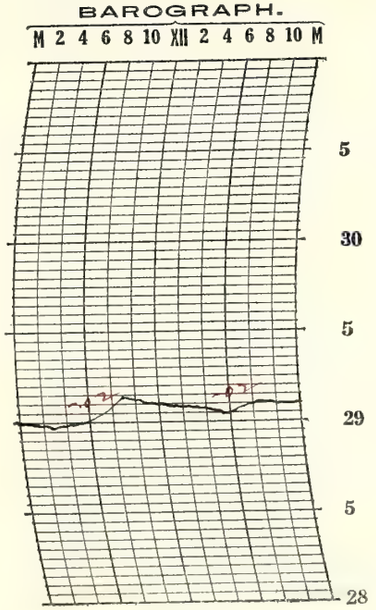


Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Cloudy and threatening in A.M. but clearing and pleasant in P.M. Clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	63	62	61	62	67	71	76	79	84	84	86	89	88	89	88	87	83	82	76	74	73	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←										Clear					→	Pt. cldy		→	Cloudy				→
Sunshine (in tenths of hours)					70 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0				
Wind direction	SW	S	S	SW	SW	SW	SW	W	SW	W	NW	S	S	S	SW	SW	SW	SW	NW	NW	N	S	S	SW
Wind movement	3	3	4	4	5	2	1	3	3	4	3	6	8	7	8	8	6	5	6	10	14	6	8	5

Sunrise: Time, 4:18; Character, Clear. Moonrise: 4:35p Clear.

Sunset: Time, 7:14; Character, Cloudy. Moonset: 1:33a Clear.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	61	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 13.1 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 88

Prevailing wind direction, SW Total wind, 132

Average hourly velocity, 5.5 Extreme velocity, 24

Maximum velocity, 22 Direction, NW

Time began, 8:05 P.M.

Reduced barometer, 30.03 7 p. m. 30.04 7 p. m.

River gage, 1.4

Relative humidity, 78 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

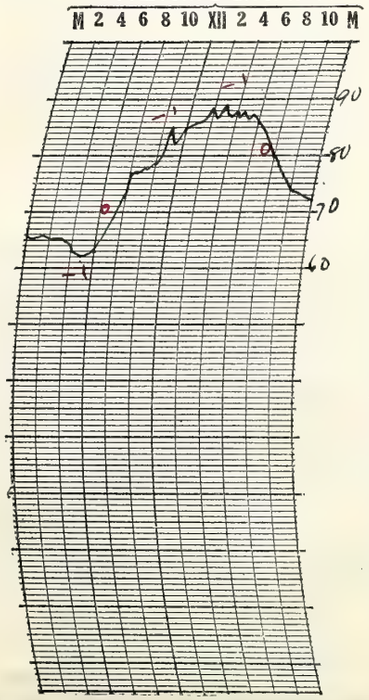
Dry temperature, 84.1 Wet temperature, 68.2

Dew-point, 60 R. humidity, 44 V. pressure, .517

Clouds: Amount, 2; Kind, cir cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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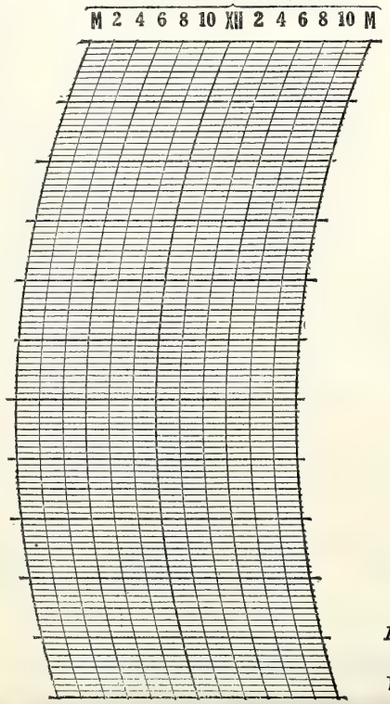

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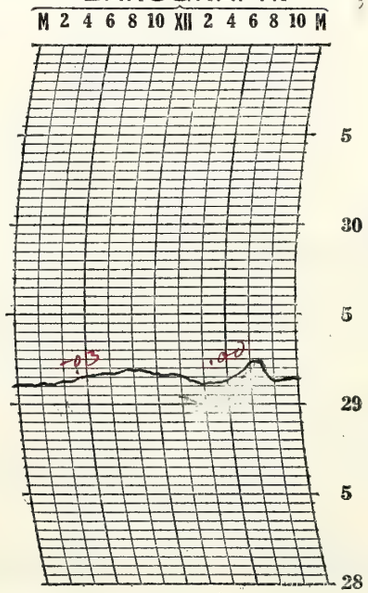


Prepared by E. L. H.

Verified by E. L. H.

NOTES

Clear pleasant day. Warm.
Partly-cloudy night.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ~~Fort Wayne, Ind.~~, (Day of week) Tuesday, (Date) JUL 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	68	70	74	80	84	82	89	90	90	93	90	90	88	83	80	78	77	76	76	76
State of weather: Nature of precipitation and time of beginning and ending																			R.B 6:50 T	RE 7:30 .02				
Amounts of precipitation																								
Cloudiness and other conditions					Clear								Pt Cldy			Clear			Cloudy				Clear	
Sunshine (in tenths of hours)					.68 0	0.7 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0	0				
Wind direction	S	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	N	NE	E	E	SE	SE	SE	S
Wind movement	5	6	3	5	9	8	9	12	9	11	8	11	11	10	11	7	6	8	7	3	5	4	5	7

Sunrise: Time, 4:19 Character, Clear
Moonrise: 5:37p Cloudy
Sunset: Time, 7:14 Character, Cloudy
Moonset: 2:12a Clear

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

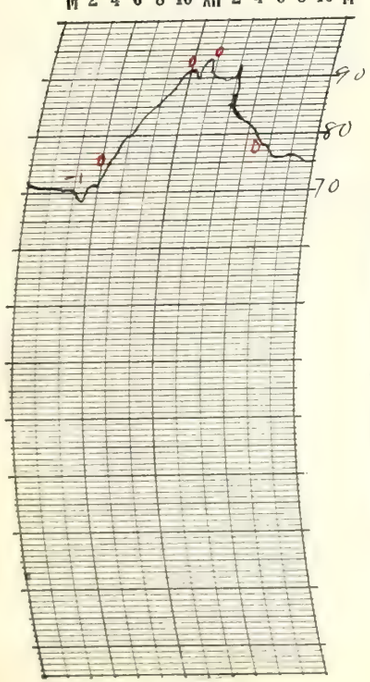
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.7 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind, 180
Average hourly velocity, 7.5 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 2:13 P.M.
Reduced barometer, 30.06 7 a. m. 30.027 p. m.
River gage, 0.4
Relative humidity, 70 7 a. m. 61 7 p. m.

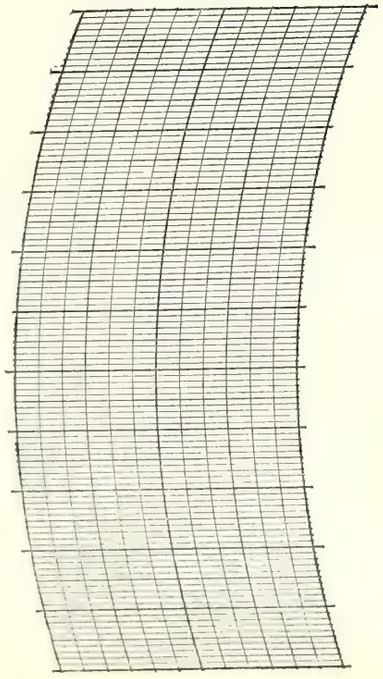
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 89.5 Wet temperature, 72.0
Dew-point, 64 R. humidity, 43 V. pressure, .595
Clouds: Amount, 2 Kind, Cu Direction, SW
Velocity of clouds (miles per hour)

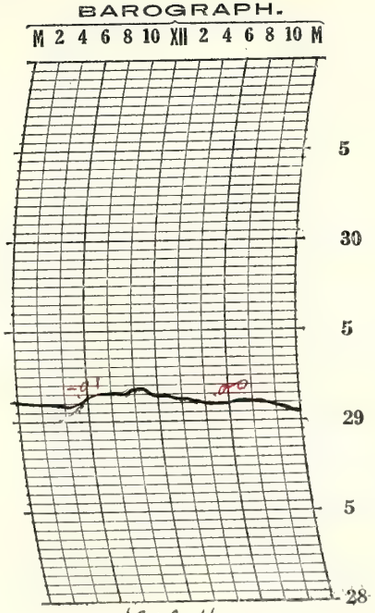
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Clear most of the day, light thundershower in evening Pt fr. 6:40 P.M. to 7:30 P.M. Clear by 10 P.M. Very warm day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	74	73	72	73	77	82	85	89	93	93	93	94	94	92	88	84	79	71	71	70	70	71
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:05	RE 8:22			
Amounts of precipitation																				.08	.01			
Cloudiness and other conditions	← Clear →									← Pt. Cloudy →									←		Cloudy →			
Sunshine (in tenths of hours)					.67 0	.03 .07	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	SW	S	S	SW	SW
Wind movement	7	8	7	8	8	9	11	12	14	15	15	16	13	17	17	16	16	13	10	13	4	6	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:20; Character, Clear. Moonrise: 6:37p; Cloud.

Sunset: Time, 7:13; Character, Cloudy. Moonset: 2:59a; Clear.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

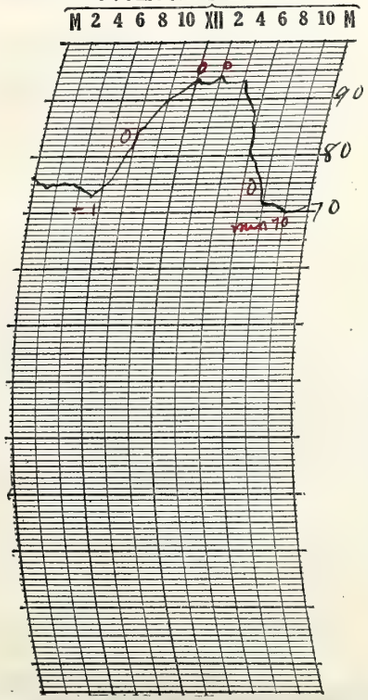
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	70	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 84
Prevailing wind direction, SW Total wind, 269
Average hourly velocity, 11.2 Extreme velocity, 30
Maximum velocity, 26 Direction, S
Time began, 7:10 P.M.
Reduced barometer, 29.92 7 a. m. 29.82 7 p. m.
River gage, 0.5
Relative humidity, 69 7 a. m. 66 7 p. m.

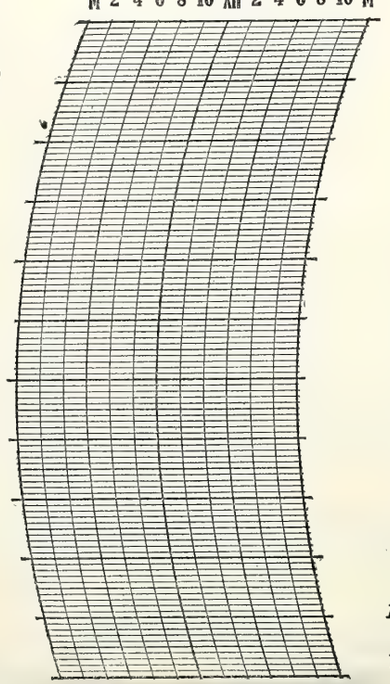
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 93.0 Wet temperature, 71.0
Dew-point, 60 R. humidity, 34 V. pressure, 51.7
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

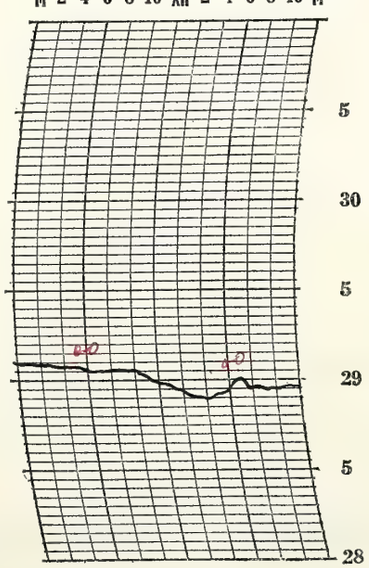
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

NOTES

Warm day, thundershowers nearby in evening and light shower at station. Warm at night.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	70	70	69	71	74	78	82	79	77
Nature of precipitation and time of beginning and ending												R.B 11:32
Amounts of precipitation												.02
Cloudiness and other conditions					Cloudy				Pt Cldy			
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	0.9	0.6
Wind direction	SW	SW	SW	W	SW	W	W	SW	SW	SW	SW	SW
Wind movement	10	9	7	8	7	7	5	5	7	6	7	8

Sunrise: Time, 4:21 Character, Cloudy
Moonrise: 7:32p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	72	72	73	72	72	72	71	70	72	70
Nature of precipitation and time of beginning and ending		R.E 1:35	R.B 2:10 R.E 2:23						R.B 8:45			
Amounts of precipitation		.02	.01						.01	33	.12	T
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0.2	0.2	0.1	0	0	0	0				
Wind direction	SW	SW	SW	S	S	S	SE	SE	SE	SE	SE	S
Wind movement	8	8	8	7	5	6	4	2	2	3	7	11

Sunset: Time, 7:13 Character, Cloudy
Moonset: 3:54a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

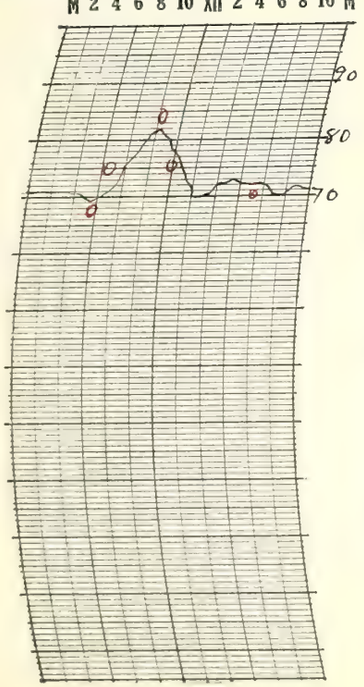
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	69	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, 0.62 inches.
Character of day, Cloudy Moon phase, Full - 1:22 p m
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 33
Prevailing wind direction, SW Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 18
Maximum velocity, 16 Direction, S
Time began, 10:53 p.m.
Reduced barometer, 29.90 7 a. m. 29.88 7 p. m.
River gage, 1.1
Relative humidity, 88 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 70.7
Dew-point, 68, R. humidity, 73 V. pressure, .684
Clouds: Amount, 8; Kind, St.Cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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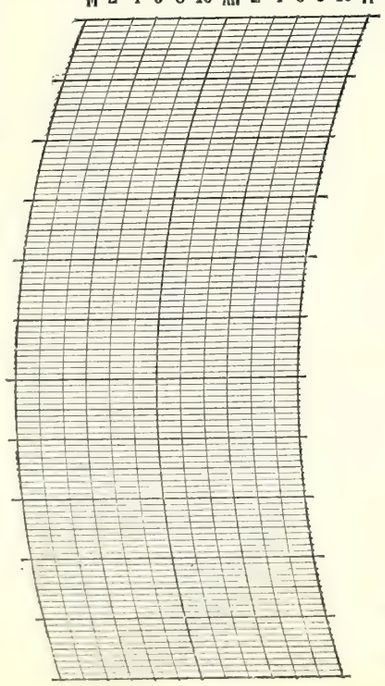
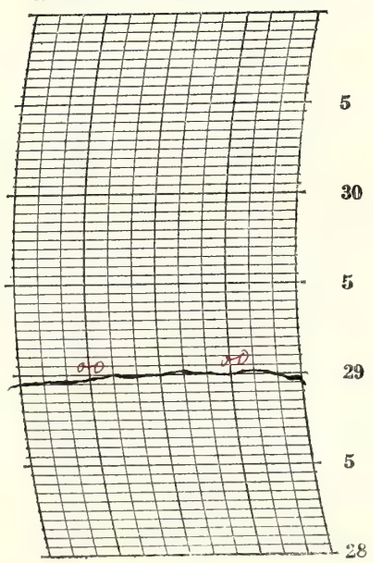


BAROGRAPH.



Prepared by E. L. H.
Verified by E. L. H.

8—486

NOTES

Cloudy in the morning, Light showers off and on from 11 30 a.m. until late at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 15 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	69	68	70	70	71	72	75	78
Nature of precipitation and time of beginning and ending	R.E DWA				RB 4:40		RE 6:50	RB 7:10 RE 7:20				
Amounts of precipitation	.04				.02	T	.02	T				
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character,	4:21 Cloudy											
Moonrise:	8:20p Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.3	1.0	1.0	1.0
Wind direction	S	S	S	S	S	SW	SW	SW	W	W	W	W
Wind movement	9	10	11	11	15	11	11	10	10	9	8	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	81	82	82	79	79	77	75	72	71	71
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cloudy →											
Sunset: Time, Character,									7:12 Cloudy			
Moonset:									4:57 a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	W	W	W	W	SW	SW	SW	SW	W	NW	NW	W
Wind movement	5	8	9	8	7	7	6	4	3	4	2	3

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	68	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .54 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.08 inches.

Character of day, Pt. Cldy Moon phase,

Average daily cloudiness (0-16), 5

Actual sunshine, hours, 8.9 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 60

Prevailing wind direction, W Total wind, 187

Average hourly velocity, 7.8 Extreme velocity, 20

Maximum velocity, 18 Direction, S

Time began, 4:41 A.M.

Reduced barometer, 29.87 7 a. m. 29.95 7 p. m.

River gage, 1.3

Relative humidity, 95 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

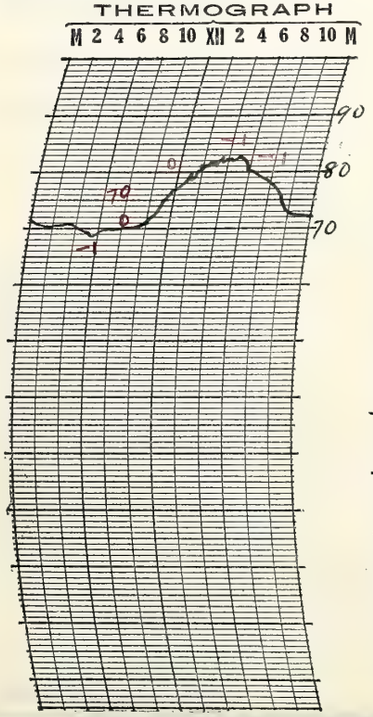
Dry temperature, 77.9 Wet temperature, 67.4

Dew-point, 62 R. humidity, 58 V. pressure, .555

Clouds: Amount, 3; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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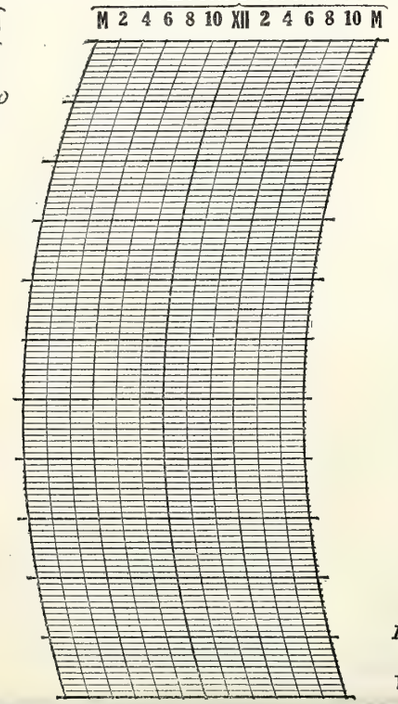
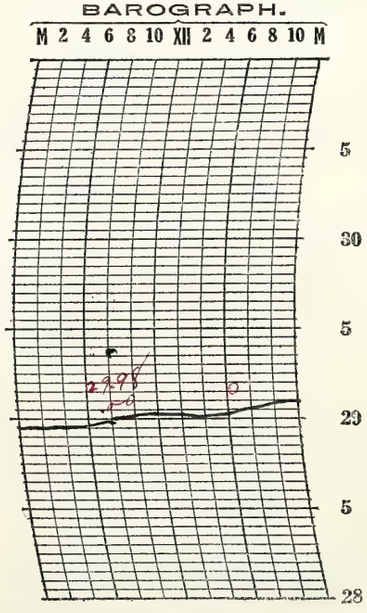


BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

NOTES.

Mostly cloudy day - threatening at times.

8—486

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	69	69	68	70	74	79	81	83	84	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear →						
Sunshine (in tenths of hours)					.63 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	1	4	4	3	6	4	2	6	7	8	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	81	79	80	81	80	78	77	76	74	74	74
State of weather: Nature of precipitation and time of beginning and ending	RB 12:10 RE 12:22											
Amounts of precipitation	.06											
Cloudiness and other conditions	← Pt Cloudy											
Sunshine (in tenths of hours)	0.8	1.0	0.8	1.0	1.0	1.0	0.5 0	.18 0				
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	14	8	9	9	12	11	8	7	8	11	11	12

Sunrise: Time, 4:22 Character, Clear

Moonrise: 9:01p Clear

Sunset: Time, 7:11 Character, Clear

Moonset: 6:06a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 06 ins.

Total precipitation, midnight to midnight, 06 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 13.9 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 94

Prevailing wind direction, S Total wind, 182

Average hourly velocity, 7.5 Extreme velocity, 20

Maximum velocity, 18 Direction, S

Time began, 12:04 P.M.

Reduced barometer, 30.05 7 a. m. 29.95 7 p. m.

River gage, 4.4

Relative humidity, 74 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

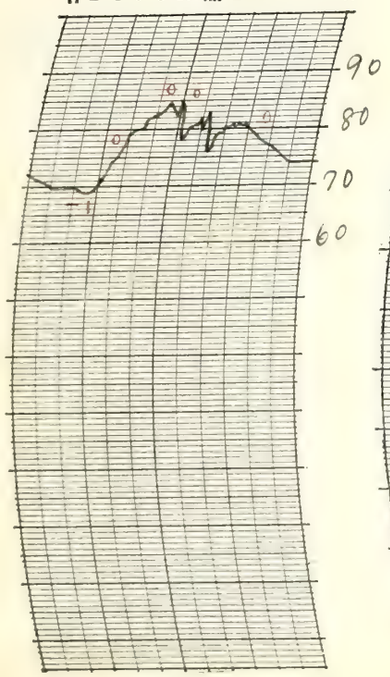
Dry temperature, 83.9 Wet temperature, 72.0

Dew-point, 67 R. humidity, 56 V. pressure, 661

Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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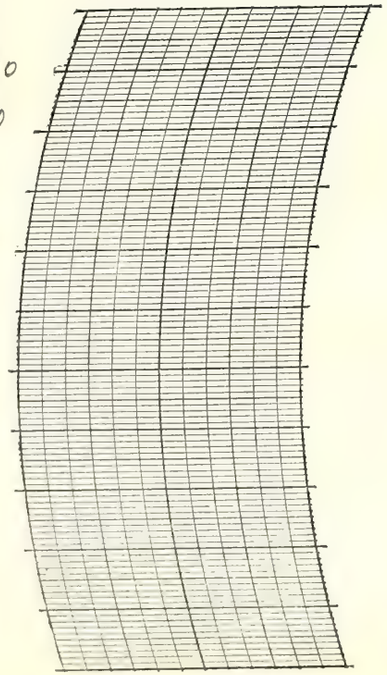
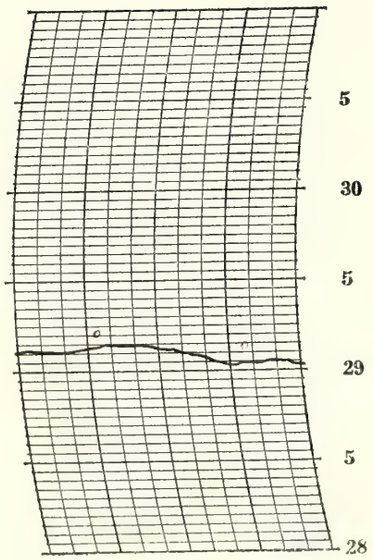


BAROGRAPH.



Prepared by E. L. H.

Verified by

8—486

NOTES

Mostly partly cloudy with light shower at noon. Mostly clear early in the evening - cloudy by 11:00 P.M.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 17 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	74	73	73	72	70	73	75	76	73	71
Nature of precipitation and time of beginning and ending				R B+E B N A								
Amounts of precipitation				.02								
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)					0	0	0.3	0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	11	11	6	7	10	16	16	13	14	19	21	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	70	71	73	72	71	67	66	65	65	63
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cldy →							← Clear →				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	.18 0				
Wind direction	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	17	19	18	16	13	13	10	5	3	2	2	2

Sunrise: Time, 4:23 Character, Cloudy
Moonrise: 9:36p Clear
Sunset: Time, 7:11 Character, Clear
Moonset: 7:19a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

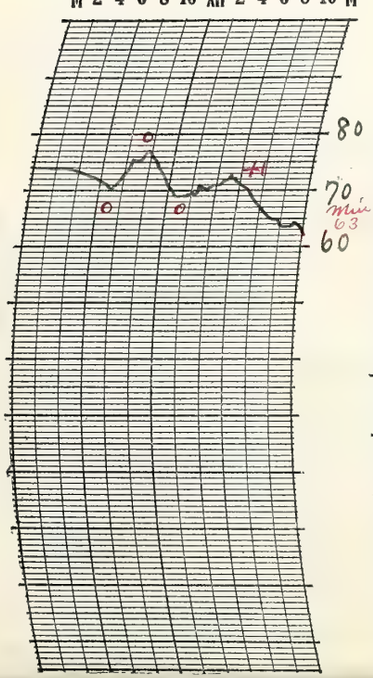
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	63	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt. Cldy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.4 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 84
Prevailing wind direction, SW Total wind, 284
Average hourly velocity, 11.8 Extreme velocity, 25
Maximum velocity, 24 Direction, W
Time began, 11:20 AM.
Reduced barometer, 29.90 7 a. m. 30.05 7 p. m.
River gage, 0.4
Relative humidity, 79 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 70.6 Wet temperature, 63.2
Dew-point, 59 R. humidity, 67 V. pressure, .499
Clouds: Amount, 10; Kind, Stcu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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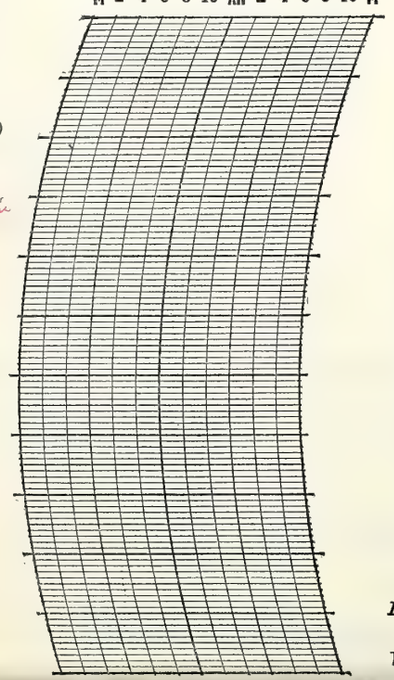
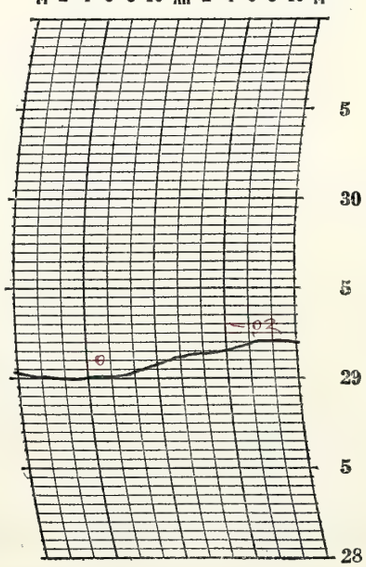


BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

NOTES

Interpolated - clock stopped.
Mostly clear, warm, pleasant day.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	58	58	61	65	67	70	72	75	78	79	80	82	82	81	79	79	77	73	71	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)					.60 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0 1.0	0 1.0	0 1.0	0.5	0.3 0	.17 0				
Wind direction	SW	SW	X S	X S	SE	SE	SE	SE	S	SE	S	SW	SW	SW	0 SW	0 SW	0 SW	W	SW	NW	NW	NW	NW	NW
Wind movement	0 1	0 2	0 2	0 2	0 3	0 3	3	5	7	5	7	8	8	8	0 8	0 7	0 5	5	2	3	5	5	4	4

Sunrise: Time, 4:24 Character, Clear

Moonrise: 10:07 p. Clear

Sunset: Time, 7:10 Character, Clear

Moonset: 8:32 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 92

Prevailing wind direction, SW Total wind, 112

Average hourly velocity, 4.6 Extreme velocity, 11

Maximum velocity, 11 Direction, S

Time began, 11:37 A.m.

Reduced barometer, 30.15 7 a. m. 30.02 7 p. m.

River gage,

Relative humidity, 70 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

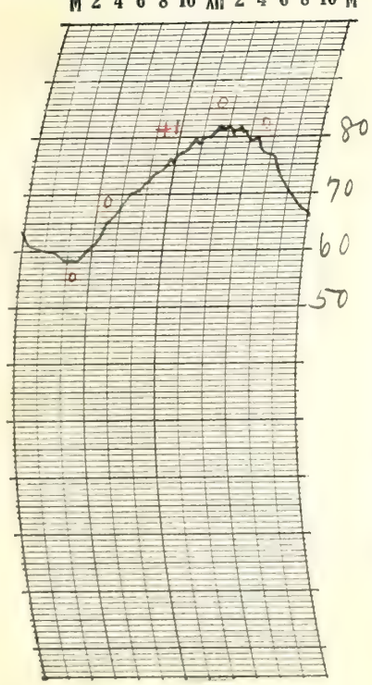
Dry temperature, 78.3 Wet temperature, 65.4

Dew-point, 58 R. humidity, 50 V. pressure, 482

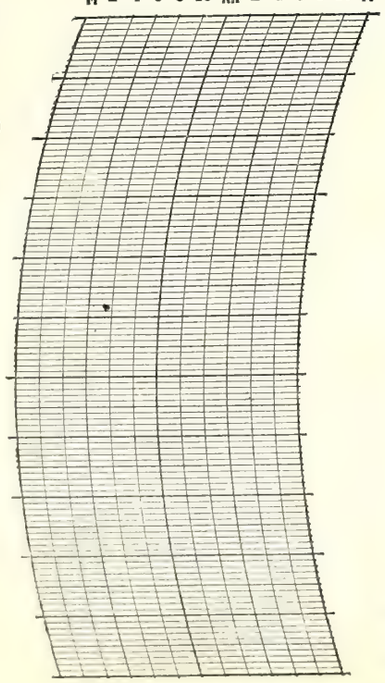
Clouds: Amount, 4; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

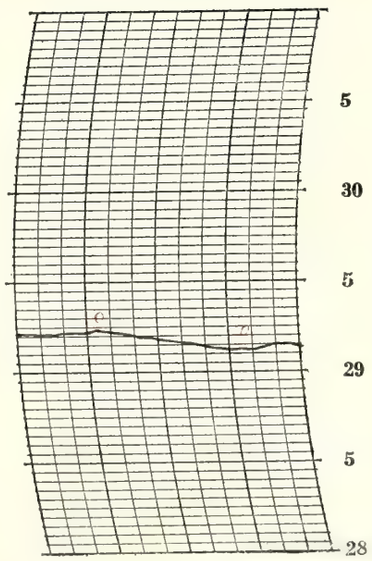
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

0 Interpolated.

x Estimated. Clock stopped.

Very pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 19 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	59	58	62	65	68	71	73	75	76	79	80	79	79	78	76	74	72	70	66	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<						Clear						×			Pt cloudy				>
Sunshine (in tenths of hours)					.58 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	W	W	W	W	W	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	3	5	4	4	5	5	6	8	7	7	8	9	8	10	9	11	11	10	8	9	11	14	12	11

Sunrise: Time, 4:25 Character, Clear

Moonrise: 10:36p Cloudy

Sunset: Time, 7:09 Character, Cloudy

Moonset: 9:45a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	58	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.9 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 95

Prevailing wind direction, N Total wind, 195

Average hourly velocity, 8.1 Extreme velocity, 21

Maximum velocity, 18 Direction, NE

Time began, 10:00 p.m.

Reduced barometer, 32.08 7 a. m. 30.10 7 p. m.

River gage, 1.8 feet

Relative humidity, 75 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

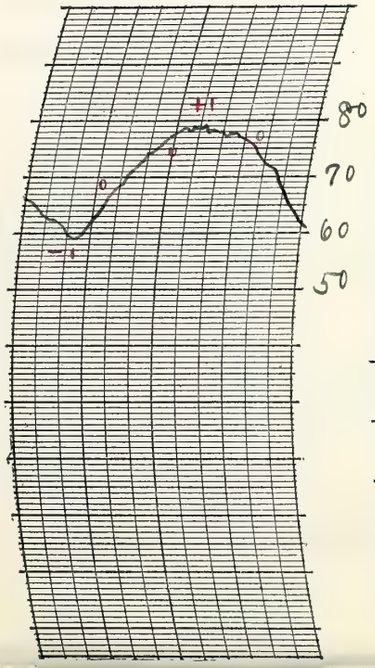
Dry temperature, 76.5 Wet temperature, 65.0

Dew-point, 58 R. humidity, 54 V. pressure, .482

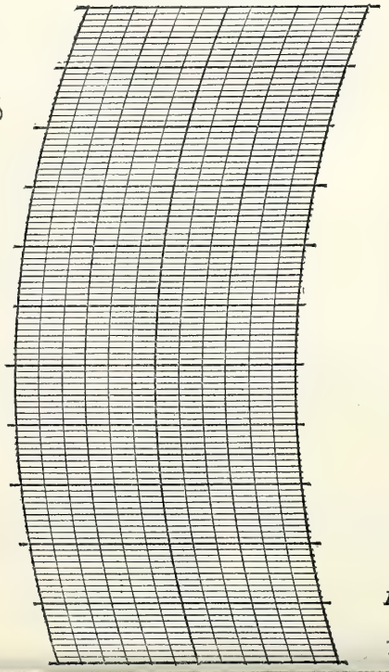
Clouds: Amount, 1; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

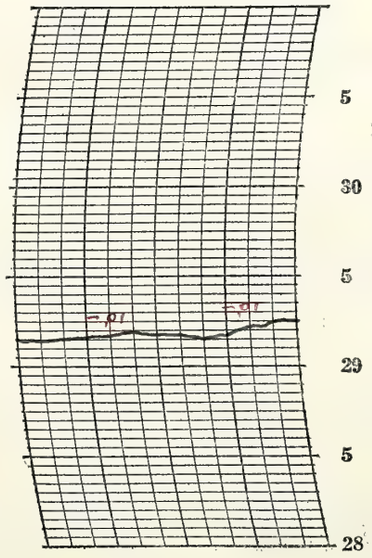
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H. & OER

Verified by E.L.H.

NOTES

The sky was mostly clear the greater part of the day. It became partly cloudy in the late afternoon and continued partly cloudy into the night. Brighter stars visible.

The weather was fine. The temperature averaged some below normal.

R—488

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 20 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	56	54	54	55	57	60	65	69	72	74
State of weather: Nature of precipitation and time of beginning and ending						RB 5:25 RE 5:50						
Amounts of precipitation						T						
Cloudiness and other conditions	Clear		X		Cldy	X	Pt cldy	X			Clear	

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	79	79	78	77	75	71	70	67	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X		Pt cldy	X		Cloudy		

Sunrise: Time, 4:26 Character, Cloudy

Moonrise: 11:05p Cloudy

Sunset: Time, 7:09 Character, Cloudy

Moonset: 10:57a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.6	0.4	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	11	10	10	9	10	9	9	9	10	9	10

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	9	9	7	7	8	7	7	8	10	10	8	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.0 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 68

Prevailing wind direction, NE Total wind, 213

Average hourly velocity, 8.9 Extreme velocity, 15

Maximum velocity, 15 Direction, NE

Time began, 1:43 am

Reduced barometer, 30.22 7 a. m. 30.14 7 p. m.

River gage, 1.5 feet

Relative humidity, 77 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

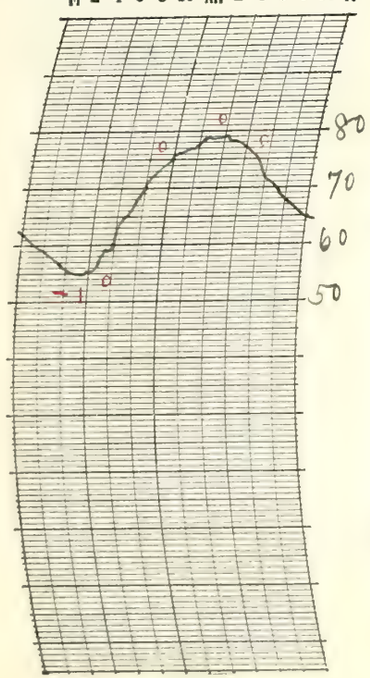
Dry temperature, 74.4 Wet temperature, 61.9

Dew-point, 54 R. humidity, 49 V. pressure, .417

Clouds: Amount, 3; Kind, a cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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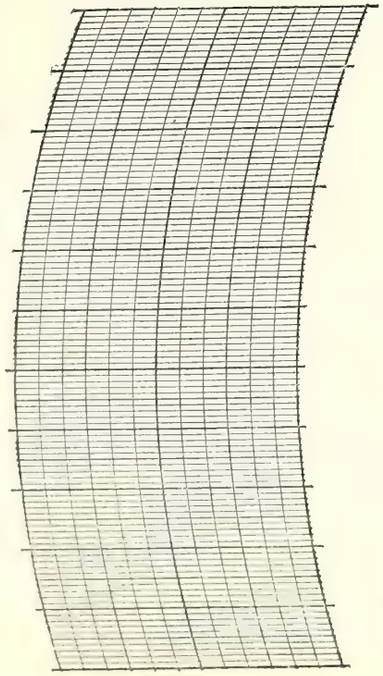
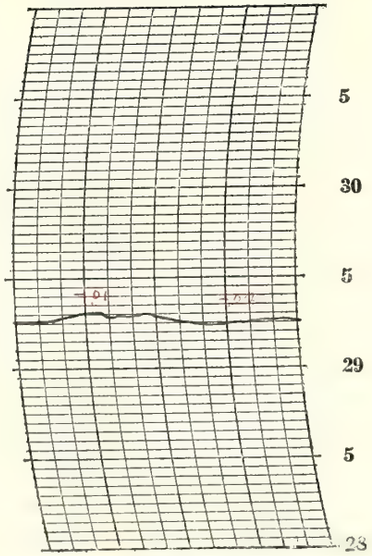


BAROGRAPH.



Prepared by E.W.R.

Verified by E.L.H.

8—486

NOTES

Moonlight in the early morning. It became cloudy before daylight and a light shower occurred between 5:00 am and 6:00 am. The sky was mostly clear during the day but it became partly cloudy late in the afternoon and mostly cloudy into the night.

The temperature averaged below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 21 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	62	62	63	64	69	75	80	83	83
State of weather: Nature of precipitation and time of beginning and ending						RB 5:55	RE 6:05					
Amounts of precipitation						T	T					
Cloudiness and other conditions		?		←		Cloudy		×	Clear	×		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	86	84	82	80	81	80	77	75	75	73	72
State of weather: Nature of precipitation and time of beginning and ending										RB 9:45 RE 10:00		RB TE DN
Amounts of precipitation												.01	.01
Cloudiness and other conditions												
	Pt Haze		Pt Cloudy		×		Cloudy					→

Sunrise: Time, 4:27; Character, Cloudy

Moonrise: 11:34p Cloudy

Sunset: Time, 7:08; Character, Cloudy

Moonset: 12:09p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.1	0.6	1.0	1.0	1.0	1.0
Wind direction	E	NE	E	E	E	E	NE	E	SE	S	S	S
Wind movement	6	5	7	6	6	6	7	4	4	7	6	9
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	0	0	0	0	0				
Wind direction	SW	SW	SW	NW	NW	SW	SW	N	N	NE	S	SW
Wind movement	11	13	8	4	5	2	2	1	2	2	4	9
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase, First Quarter 8:43 am

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.7 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 52

Prevailing wind direction, E-SW Total wind, 136

Average hourly velocity, 5.7 Extreme velocity, 18

Maximum velocity, 17 Direction, SW

Time began, 1:06 p m

Reduced barometer, 30.16 7 a. m. 29.99 7 p. m.

River gage, 1.3 feet

Relative humidity, 82 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

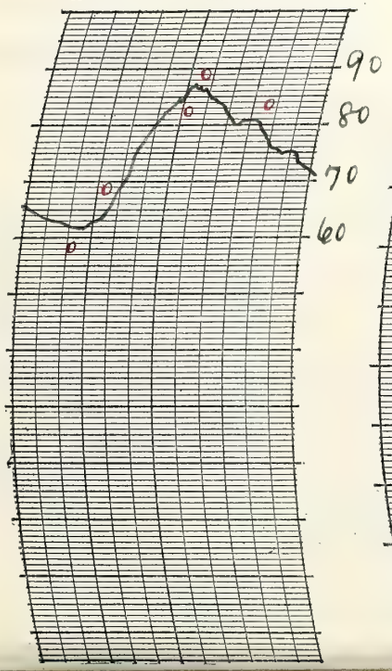
Dry temperature, 82.7 Wet temperature, 70.7

Dew-point, 65 R. humidity, 55 V. pressure, .616

Clouds: Amount, 7-3; Kind, ~~Pt Haze~~ Cu St Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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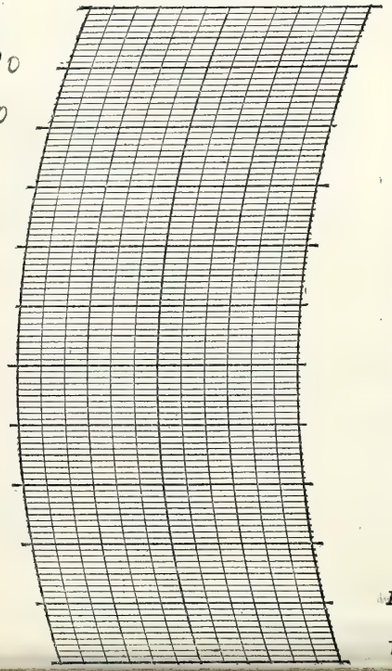
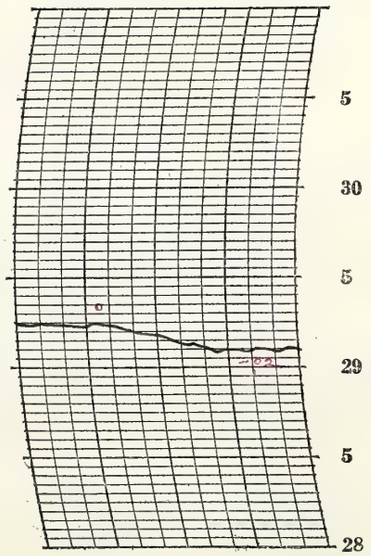


BAROGRAPH.



Prepared by O.E.P.

Verified by E.L.H.

NOTES

The sky was cloudy about sunrise and a light sprinkle occurred about 6:00 am. It was mostly clear for a while in the fore noon but the day as a whole was partly cloudy. Mostly cloudy into the night with light showers.

Reflection from distant lightning visible in evening from SE but no thunder heard at station. Heavy rainfalls reported from other counties to the northwest and north in Indiana and ~~from~~ to the east in Ohio.

The weather was rather warm and sultry. Light haze during middle of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 22 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	67	67	66	67	69	72	74	74	77	73	73	71	72	71	68	66	66	65	64	63	62	62
Nature of precipitation and time of beginning and ending												RB 11:30 RE 11:55		RB 1:15 RE 1:25			RB 4:05 RE 4:15							
Amounts of precipitation												T		T			T							
Cloudiness and other conditions	Clear											Cldy	Cldy	Cldy	Cldy		Cloudy							
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	1.0	0.4	0.3	0.4	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NW
Wind movement	6	5	7	6	5	4	8	5	6	10	11	14	10	13	14	13	13	13	11	10	12	10	8	8

State of weather.

Sunrise: Time, 4:27 Character, Clear

Moonrise: — —

Sunset: Time, 7:07 Character, Cloudy

Moonset: 1:21p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.8 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 60

Prevailing wind direction, NW Total wind, 222

Average hourly velocity, 9.2 Extreme velocity, 22

Maximum velocity, 20 Direction, NW

Time began, 4:06 p. m.

Reduced barometer, 29.96 7 a. m. 29.99 7 p. m.

River gage, 1.1 feet

Relative humidity, 83 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

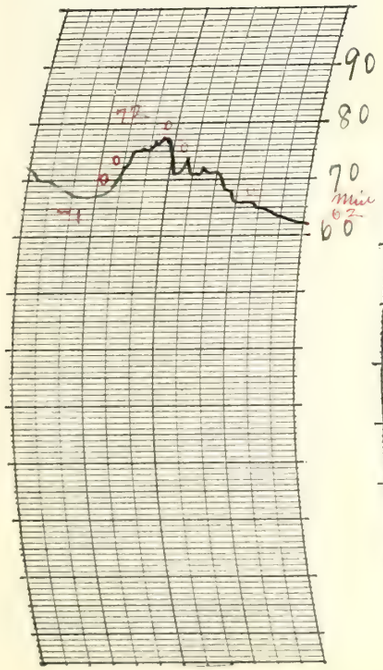
Dry temperature, 72.7 Wet temperature, 68.5

Dew-point, 66 R. humidity, 81 V. pressure, .638

Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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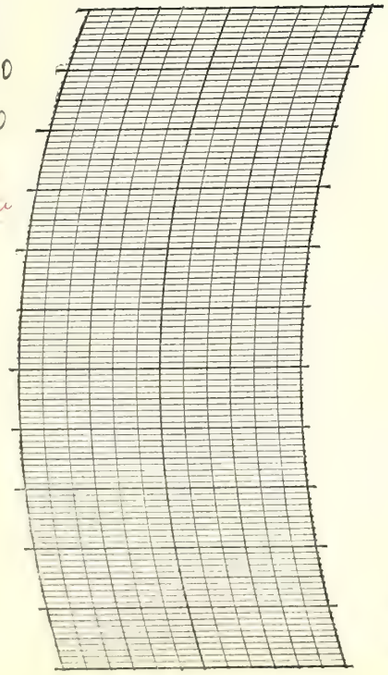
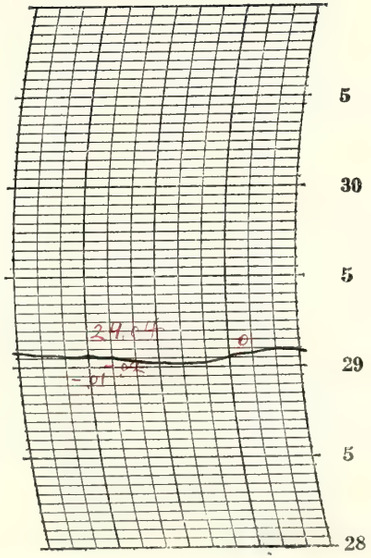


BAROGRAPH.



Prepared by O. E. P.

Verified by E. L. H.

8—486

NOTES

The day was clear during most of the forenoon but as a whole it was partly cloudy. Several light sprinkles occurred after 11:30 am. but the total precipitation was only a trace. The sky continued heavily clouded into the night.

The average temperature was below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 23 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	59	58	60	62	66	70	72	74	75	76	77	77	77	76	74	71	68	67	65	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear						× Cloudy		×		Clear					→
Sunshine (in tenths of hours)					53 0	0.1 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.1	0				
Wind direction	N	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW
Wind movement	9	9	8	7	8	8	10	11	12	13	13	14	14	16	14	14	15	16	11	11	11	11	9	6

Sunrise: Time, 4:28 Character, Clear
Moonrise: 12:06a Cloudy ?
Sunset: Time, 7:06 Character, Cloudy
Moonset: 2:33p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

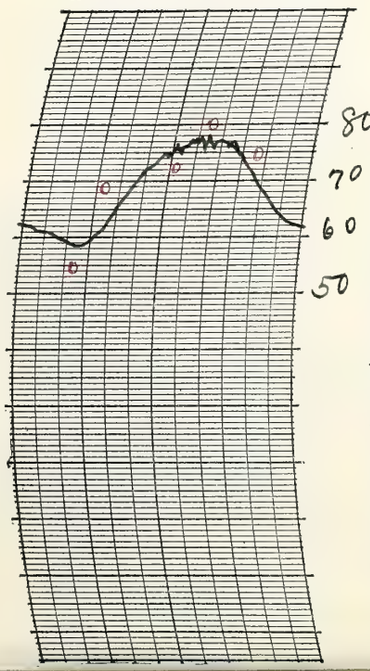
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.1 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 90
Prevailing wind direction, NW Total wind, 270
Average hourly velocity, 11.2 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 1:40 p.m.
Reduced barometer, 30.03 7 a. m. 29.97 7 p. m.
River gage, 1.2 feet
Relative humidity, 77 7 a. m. 54 7 p. m.

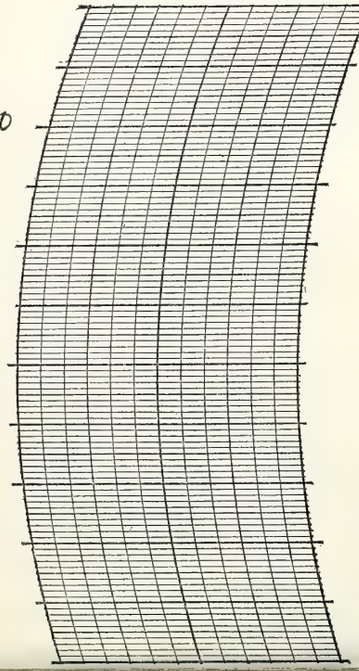
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 62.2
Dew-point, 54 R. humidity, 49 V. pressure, 417
Clouds: Amount, 2; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

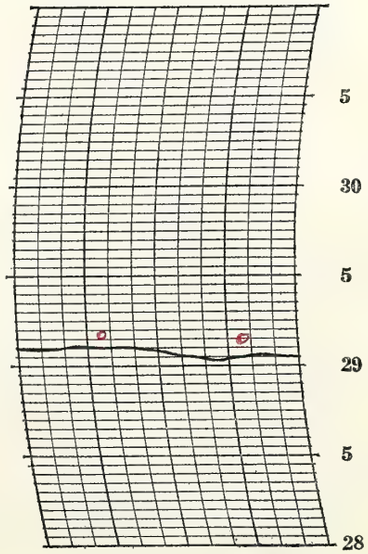
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.B.

Verified by E. L. H.

NOTES

Some cloudiness prevailed all day but the amount of clouds was small most of the time and the day as a whole was clear. Light clouds prevailed into the night but it was mostly clear with brighter stars visible.

The weather was quite pleasant. Temperatures below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 24 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	59	57	58	62	67	71	74	76	78	78	79	80	78	78	76	74	70	69	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	<					Clear						X	Pt cloudy			X			Clear					>
Sunshine (in tenths of hours)					.52 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	SW
Wind movement	7	5	6	6	7	7	8	9	14	13	15	16	15	14	11	11	10	10	8	6	6	4	4	4

Sunrise: Time, 4:29 Character, Clear

Moonrise: 12:41a Clear?

Sunset: Time, 7:05 Character, Cloudy

Moonset: 3:43p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.5 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 92

Prevailing wind direction, N Total wind, 216

Average hourly velocity, 9.0 Extreme velocity, 20

Maximum velocity, 19 Direction, NW

Time began, 11:39 am

Reduced barometer, 30.00 7 a. m. 29.95 7 p. m.

River gage, 1.1 feet

Relative humidity, 74 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

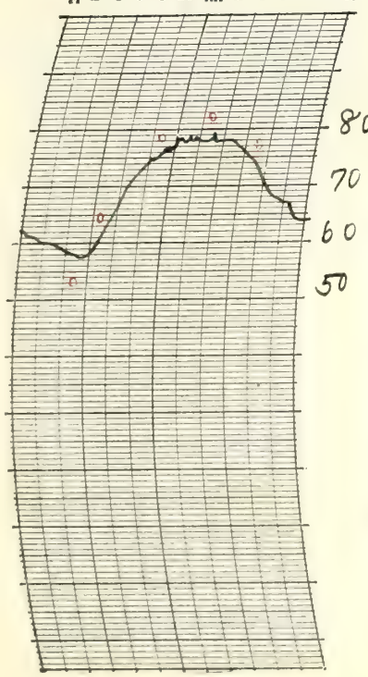
Dry temperature, 77.9 Wet temperature, 61.9

Dew-point, 52 R. humidity, 40 V. pressure, .387

Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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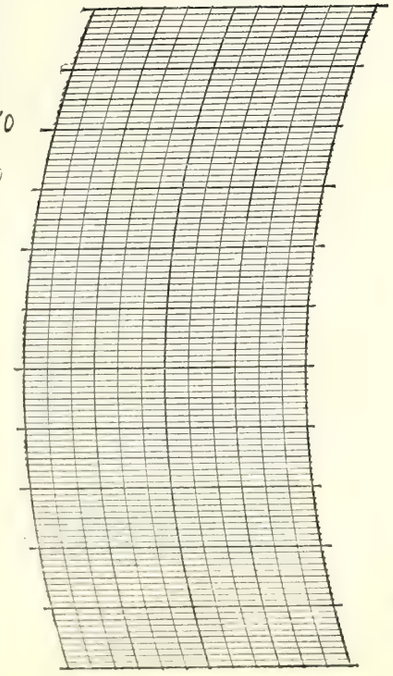

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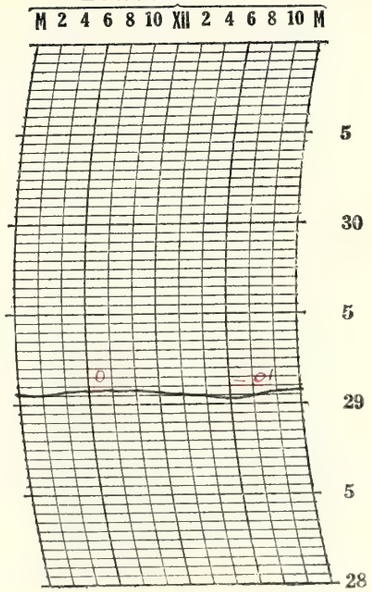


Prepared by C. E. P.

Verified by E. L. H.

8—486

NOTES

The sky was partly cloudy - cloudy during the middle of the day but at other times mostly clear. Light upper clouds continued into the night with bright stars visible.

The weather was pleasant, temperature averaged below the normals.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 25 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	61	60	58	63	69	73	75	78	80	81	82	83	83	82	81	79	76	73	72	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear							X	Cloudy	Haze	X	Clear					→
Sunshine (in tenths of hours)					50 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.5 0	0				
Wind direction	SW	SW	SW	W	SW	SW	SW	W	W	W	W	W	W	W	W	SW	SW	W	W	SW	SW	SW	SW	SW
Wind movement	4	3	2	3	2	3	2	3	5	5	7	7	6	7	6	5	6	4	4	3	4	4	4	2

Sunrise: Time, 4:30 Character, Clear
Moonrise: 1:23a Clear
Sunset: Time, 7:04 Character, Cloudy
Moonset: 4:50p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

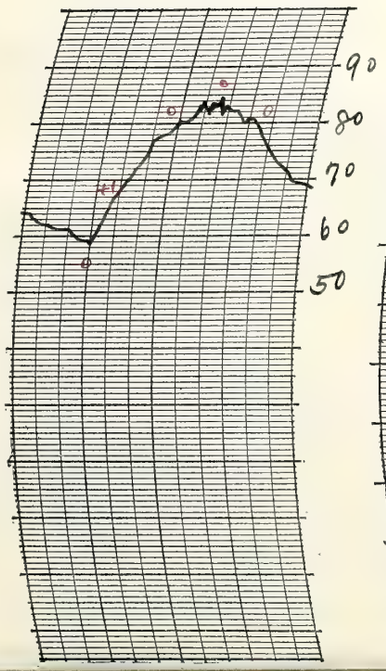
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	58	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 93
Prevailing wind direction, SW Total wind, 101
Average hourly velocity, 4.2 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 11:20 am
Reduced barometer, 30.03 7 a. m. 29.97 7 p. m.
River gage, 1.0 fall
Relative humidity, 74 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 63.5
Dew-point, 53 R. humidity, 40 V. pressure, 402
Clouds: Amount, 2; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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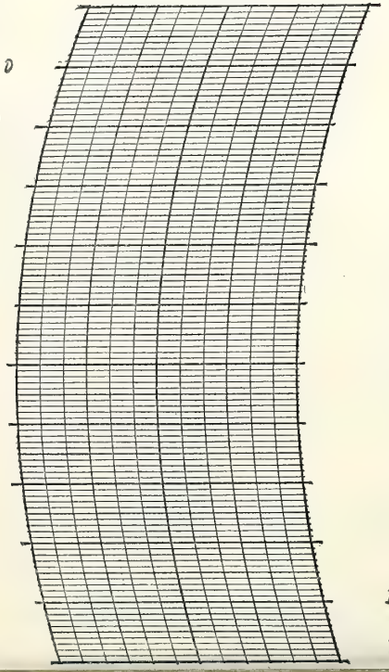

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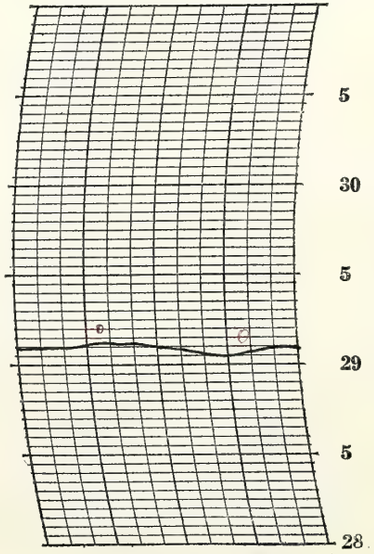


Prepared by D.E.R.

Verified by E.L.H.

NOTES

The sky was partly cloudy in the afternoon for a while but mostly clear at other times. There was light haze during the afternoon and evening. The haze appeared more dense aloft than on the surface. Mostly clear into the night. Stars visible.

The temperature rose rapidly from early morning but the average was slightly below normal. The weather was pleasant except that it became rather warm in the afternoon.

R—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 26 1927, 192

Time (local standard 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	65	64	65	66	68	74	78	81	82	82	83	85	86	85	85	83	81	79	77	74	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear																			
Sunshine (in tenths of hours)					48 0	10 0	10	10	10	10	10	10	10	10	10	10	10	08	0.5 0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	2	3	2	1	1	1	2	3	5	5	7	8	8	9	10	10	8	8	4	4	4	5	10	9

Sunrise: Time, 4:31 Character, Clear
Moonrise: 2:13a Clear

Sunset: Time, 7:03 Character, Cloudy
Moonset: 5:50p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

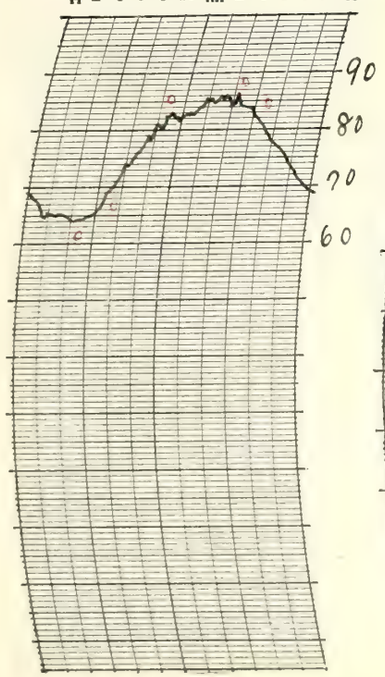
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	64	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.8 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 95
Prevailing wind direction, SW Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 2:58 p.m.
Reduced barometer, 30.027 a. m. 29.997 p. m.
River gage, 1.2 fall
Relative humidity, 68 7 a. m. 45 7 p. m.

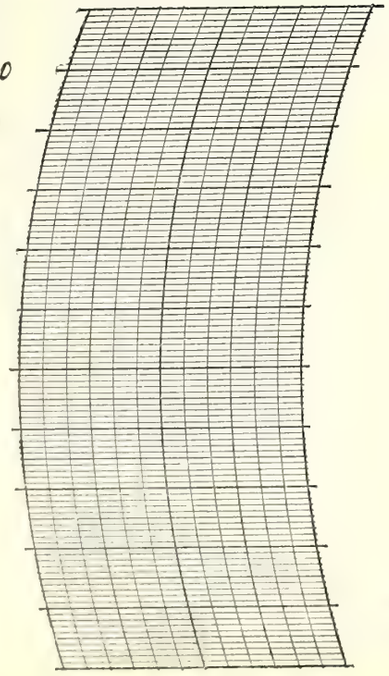
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 65.6
Dew-point, 56 R. humidity, 41 V. pressure, 448
Clouds: Amount, 3; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

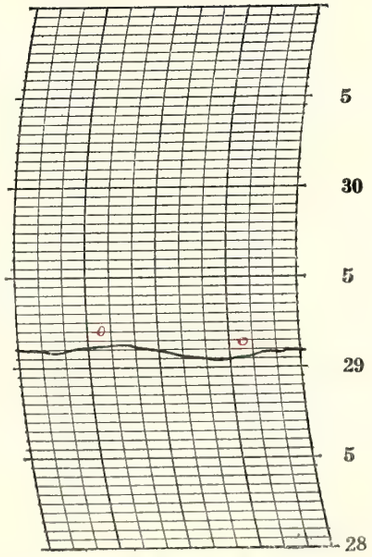
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.E.K.
Verified by E.L.H.

8—486

NOTES

The sky remained mostly clear all day and into the night. Stars visible.

The weather was pleasant except that it was rather warm in the afternoon. The average temperature was about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	65	64	65	68	76	82	84	87	87	88	90	90	90	89	87	85	83	82	78	79	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)					.47 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.05 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	9	7	8	9	9	9	7	6	7	9	11	10	10	11	12	10	10	7	4	4	4	5	5	6

Sunrise: Time, 4:37 Character, Clear
Moonrise: 3:09a Clear
Sunset: Time, 7:03 Character, Clear
Moonset: 6:42p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

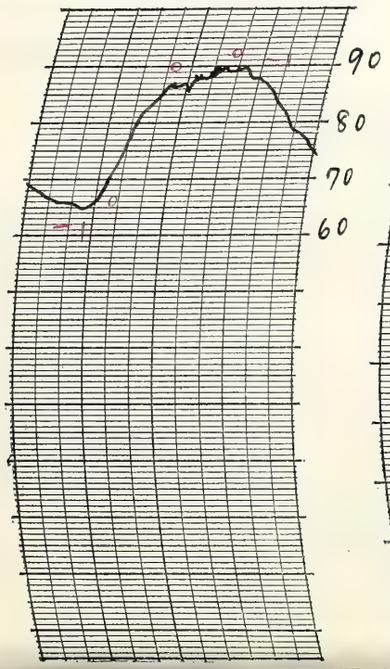
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	64	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.5 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 189
Average hourly velocity, 7.9 Extreme velocity, 15
Maximum velocity, 14 Direction, W
Time began, 10:00 am
Reduced barometer, 30.02 7 a. m. 29.99 7 p. m.
River gage, 1.3 fall
Relative humidity, 83 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.2 Wet temperature, 68.4
Dew-point, 59 R. humidity, 38 V. pressure, 499
Clouds: Amount, 2 Few; Kind, Cu Cirst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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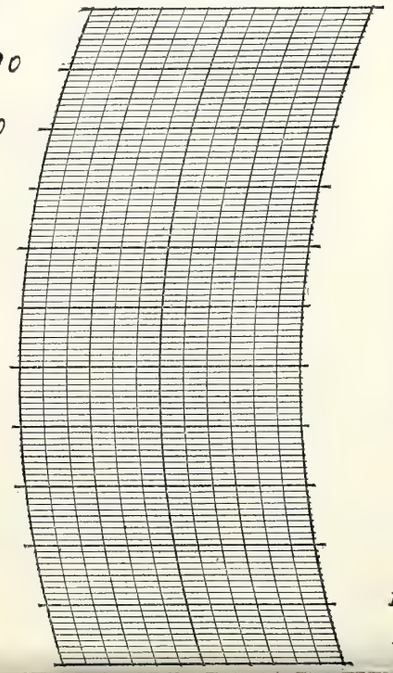
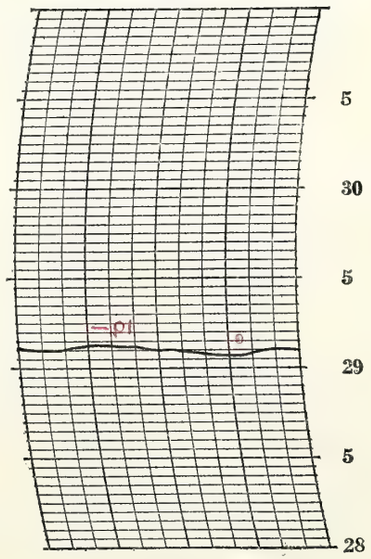


BAROGRAPH.



Prepared by O.A.P.

Verified by E.L.H.

NOTES

The sky was mostly clear all day and into the night. Stars bright.
It became hot in the afternoon. The temperature averaged above normal.

R—488

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	70	69	73	77	81	86	88	90
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy			Clear		
Sunshine (in tenths of hours)					0	0.5	0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	7	7	8	8	7	8	9	7	12	15	14	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	92	94	93	89	76	75	75	73	69	72	71	69
State of weather: Nature of precipitation and time of beginning and ending				RB 3:58		RE 5:05		RB 7:15 RE 7:45	RB 8:26			
Amounts of precipitation				T	.20	T		.03	.27	T	.03	.12
Cloudiness and other conditions			Pt cldy			Cloudy						
Sunshine (in tenths of hours)	1.0	1.0	1.0	0	0	0.1	0	0				
Wind direction	SW	W	W	SW	NW	S	SW	W	SW	SW	S	SW
Wind movement	14	13	15	13	9	6	10	8	10	12	10	11
Maximum velocities (exceeding 29 miles) direction and time				33 NW 3:57								

Sunrise: Time, 4:33 Character, Cloudy
Moonrise: 4:09a Cloudy

Sunset: Time, 7:02 Character, Cloudy
Moonset: 7:26p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	69	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .20 ins.
Total precipitation, midnight to midnight, .65 inches.
Character of day, Pt Cloudy Moon phase New - 11:36 am
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.9 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind, 244
Average hourly velocity, 10.2 Extreme velocity, 35
Maximum velocity, 33 Direction, NW
Time began, 3:57 p.m.
Reduced barometer, 30.07 7 a. m. 29.91 7 p. m.
River gage, 0.3 ft dam closed
Relative humidity, 71 7 a. m. 77 7 p. m.

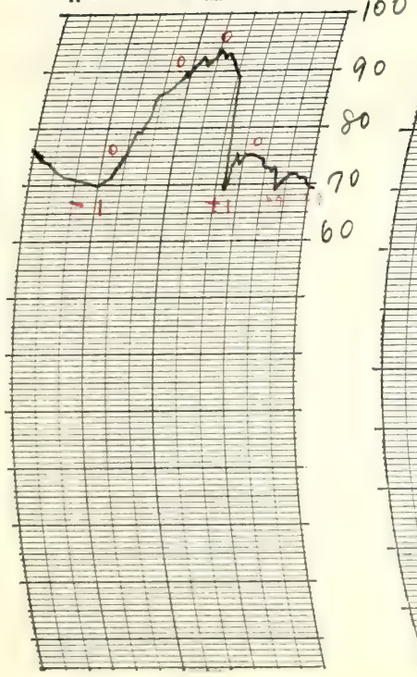
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 90.2 Wet temperature, 72.6
Dew-point, 65 R. humidity, 43 V. pressure, .616
Clouds: Amount, 1; Kind, Acu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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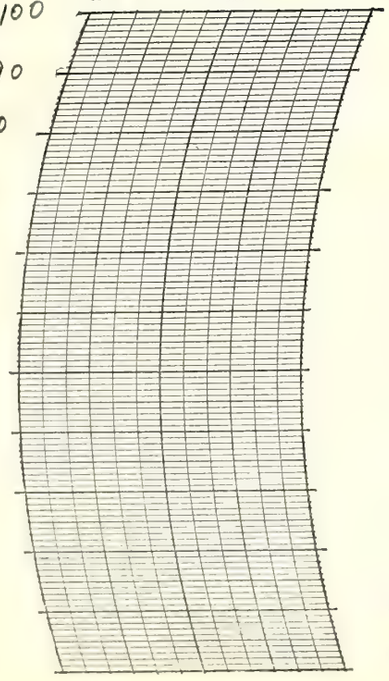
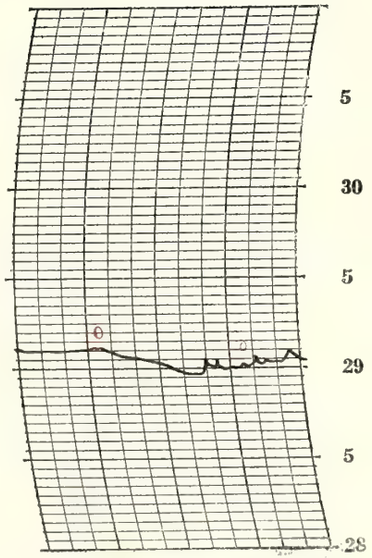


BAROGRAPH.



Prepared by E.W.T.

Verified by E.L.H.

8—486

NOTES

The cloudiness varied considerably from time to time and the day as a whole was partly cloudy. Thunder was heard to the northeast of the station 1:00 p.m. to 1:15 p.m. no rain fell at the station at that time. A series of thunderstorms, accompanied by showers and wind at times, began about 3:37 p.m. and continued past midnight.

The temperature rose rapidly from early morning and it became very hot. It cooled off rapidly about 4:00 p.m. during the thunderstorm.

One heat prostration in Fort Wayne was reported. Two large barns near Fort Wayne were destroyed by fire started by lightning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 29 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	68	69	69	69	70	71	72	74	77
Nature of precipitation and time of beginning and ending							RE 6:44	RB 7:40		RE 9:45		
Amounts of precipitation	.05	.02	T	T	T	.01	T	T	T	T		
Cloudiness and other conditions			<			Cloudy					X	
Sunrise: Time, Character,	4:34 Cloudy											
Moonrise:	5:12a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	W
Wind movement	5	12	9	4	8	4	3	2	6	11	8	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	78	79	80	79	78	75	73	72	72	71
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt cloudy						X	Cloudy >		
Sunset: Time, Character,									7:01 Cloudy			
Moonset:									8:03p Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0	0				
Wind direction	W	W	NW	NW	NW	N	N	E	E	E	E	NE
Wind movement	9	9	10	7	7	5	5	7	5	6	5	5

Maximum velocities (exceeding 2.9 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

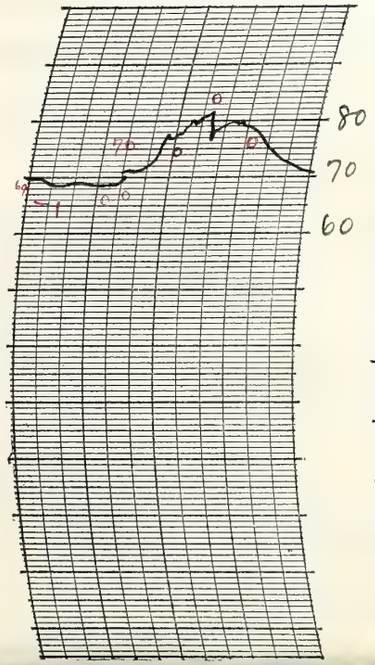
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	67	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .53 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 53
Prevailing wind direction, SW Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 1:23 am
Reduced barometer, 29.95 7 a. m. 29.90 7 p. m.
River gage, 1.0 ft.
Relative humidity, 91 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.6 Wet temperature, 70.7
Dew-point, 68 R. humidity, 75 V. pressure, .684
Clouds: Amount, ~~4~~ Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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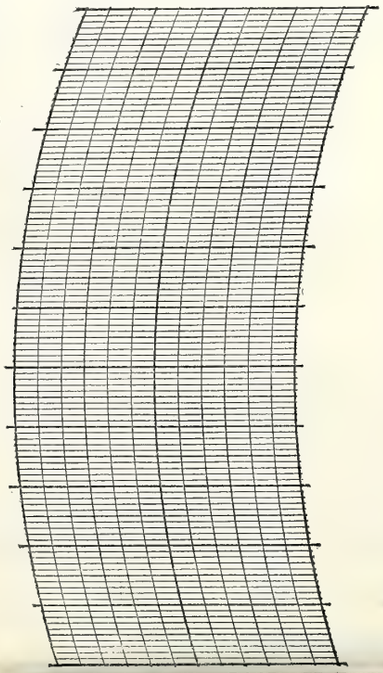
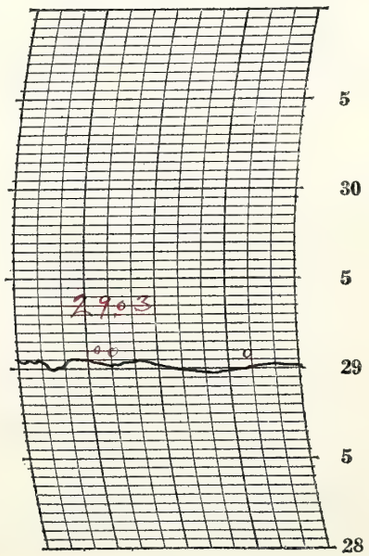


BAROGRAPH.



Prepared by O.E.R.

Verified by E.L.H.

8—486

NOTES

Light, intermittent showers continued from the previous day and ended a while before 10:00 am. The sky was partly cloudy from 10:00 am until about 8:00 p.m. and then mostly cloudy into the night.
A thunderstorm that continued from the previous date ended during the early morning.

The weather was still rather sultry, altho the temperature was several degrees lower than on the previous date. The average temperature was about normal.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 30 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	66	65	65	64	66	67	68	70	71	73
Nature of precipitation and time of beginning and ending		RB PN	RE PN									
Amounts of precipitation		T	T									
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)					0	0	0	0.3	0.1	0.9	1.0	0.2
Wind direction	NE	NE	NE	NE	E	E	E	NE	NE	E	E	E
Wind movement	5	5	6	6	5	6	6	5	5	5	4	3

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	72	72	72	72	71	71	70	69	69	68
Nature of precipitation and time of beginning and ending	RB 12:12	RE 1:45	RB 2:30 RE 2:35		RB 4:35 RE 4:45	RB 5:15					RE 10:10	
Amounts of precipitation	.06	.08	T		T	.01	.01	.01	.02	.01	T	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SE	SW	N	NE	E	E	SE	NE	NE	E	NE	NE
Wind movement	5	4	2	4	2	1	2	4	6	6	4	5

State of weather.

Sunrise: Time, 4:35 Character, Cloudy

Moonrise: 6:16 a Cloudy

Sunset: Time, 7:00 Character, Cloudy

Moonset: 8:34 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	64	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 2.5 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 17

Prevailing wind direction, NE Total wind, 106

Average hourly velocity, 4.4 Extreme velocity, 18

Maximum velocity, 15 Direction, E

Time began, 6:40 am.

Reduced barometer, 29.90 7 a. m. 29.80 7 p. m.

River gage, 1.0 Dest

Relative humidity, 83 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

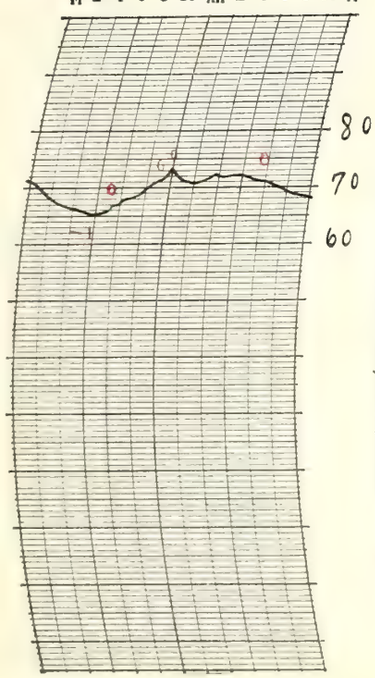
Dry temperature, 73.2 Wet temperature, 69.1

Dew-point, 67 R. humidity, 82 V. pressure, .661

Clouds: Amount, 10; Kind, St; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



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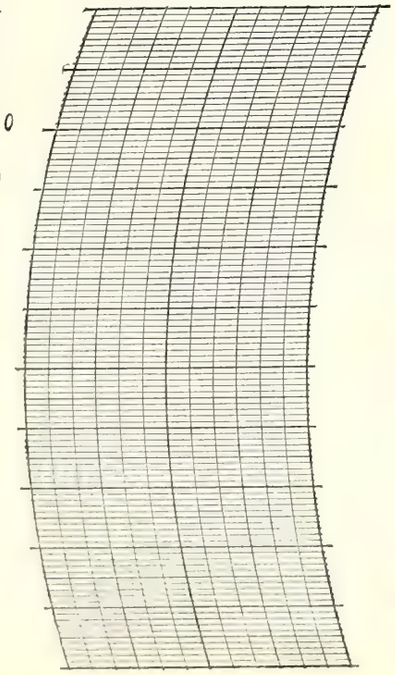
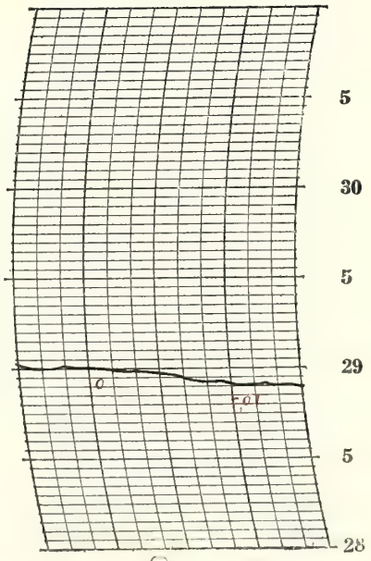


BAROGRAPH.



Prepared by O. E. P.

Verified by

8—486

NOTES

A light sprinkle occurred in the early morning. The sky continued mostly overcast all day and light, intermittent showers occurred during the afternoon and into the night.

The temperature did not range very much during the 24 hours and the average was below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 3 1 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	66	66	66	66	64	65	66	67	71	75	77	80	81	81	79	78	76	73	71	70	68	67
State of weather: Nature of precipitation and time of beginning and ending							RB 6:12			RE 9:10														
Amounts of precipitation							T	T	T	.01														
Cloudiness and other conditions							Cloudy						Pt Cloudy		Clear				Pt Cloudy		Clear			

Sunrise: Time, 4:36 Character, Cloudy
Moonrise: 7:19a Cloudy
Sunset: Time, 6:59 Character, Cloudy
Moonset: 9:01p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0.6	1.0	0.9	1.0	1.0	1.0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	W	W	W	W	W	SW	W	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	4	5	3	2	1	4	5	3	4	2	3	3	4	7	8	9	7	8	9	8	5	5	3	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

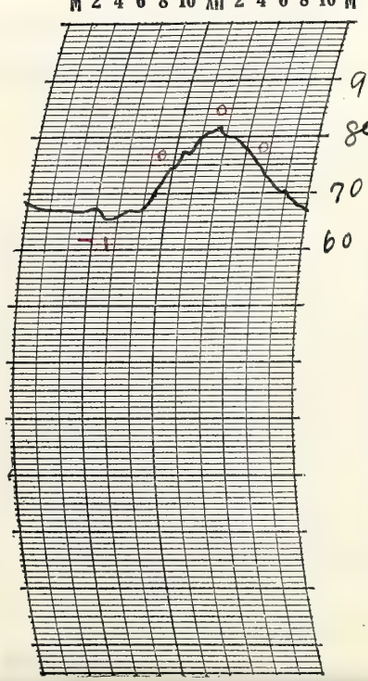
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	64	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.7 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 40
Prevailing wind direction, W Total wind, 116
Average hourly velocity, 4.8 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 3:02 p. m.
Reduced barometer, 29.83 7 a. m. 29.81 7 p. m.
River gage, 1.0 ft.
Relative humidity, 100 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.2 Wet temperature, 69.7
Dew-point, 67 R. humidity, 76 V. pressure, .661
Clouds: Amount, 6; Kind, CU; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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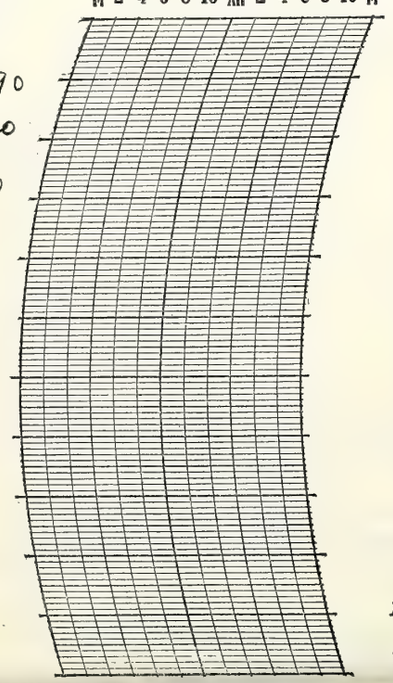
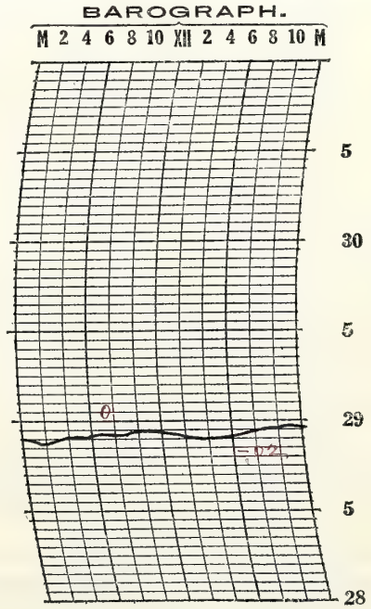


BAROGRAPH.



Prepared by O.A.R.

Verified by E.L.H.

NOTES

A light, misty rainfall in the forenoon. The sky cleared somewhat in the afternoon and was entirely cloudless late at night. Stars brilliant.

The temperature was nearly normal.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 1 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	63	63	63	64	68	74	76	77	79	79	81	82	79	77	75	72	68	63	60	57	56	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)					.38 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.85 0.1					
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	NW	NW	NW	NW	NW	W	NW	NW	NW	N
Wind movement	3	5	5	6	6	6	7	7	7	9	10	14	18	18	21	19	19	18	15	10	9	9	8	7

Sunrise: Time, 4:37 Character, Clear
Moonrise: 8:20 a Clear
Sunset: Time, 6:57 Character, Clear
Moonset: 9:25 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

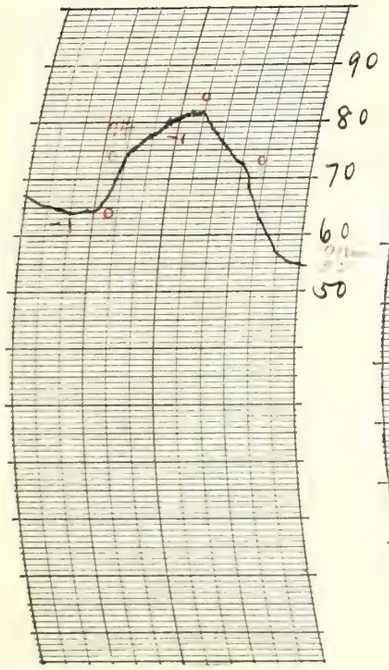
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 256
Average hourly velocity, 10.7 Extreme velocity, 25
Maximum velocity, 22 Direction, W
Time began, 12:42 am.
Reduced barometer, 29.87 7 a. m. 29.99 7 p. m.
River gage, 0.9 Rise
Relative humidity, 77 7 a. m. 52.7 p. m.

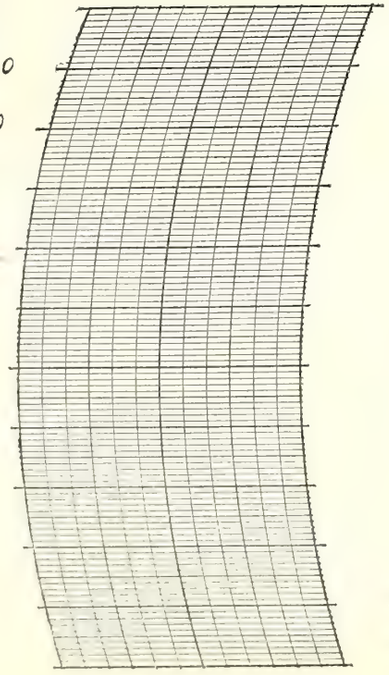
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.9 Wet temperature, 66.9
Dew-point, 61 R. humidity, 54 V. pressure, .536
Clouds: Amount, 3; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

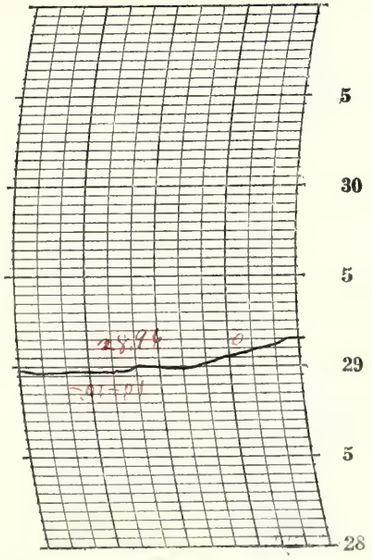
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.W.

Verified by E.L.H.

8—486

NOTES

Heavy deposit of dew in the early morning.

There was some cloudiness the greater part of the time although it was mostly clear all day. Cloudless into the night. Stars brilliant.

The weather was fine with temperatures about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	48	47	47	52	56	58	62	64	67	67	68	68	67	69	67	65	64	63	62	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			<				Clear				X			Pt cloudy	X				Cloudy					>
Sunshine (in tenths of hours)					.37 0	.04 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0	0					
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	N	N	N	N	N	N	SW	SW	SW	SW	SW	SW	W	NW
Wind movement	5	7	7	8	5	6	7	7	5	6	6	6	5	4	3	4	4	5	5	4	3	3	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:38 Character, Clear
Moonrise: 9:19a Cloudy
Sunset: Time, 6:56 Character, Cloudy
Moonset: 9:47p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

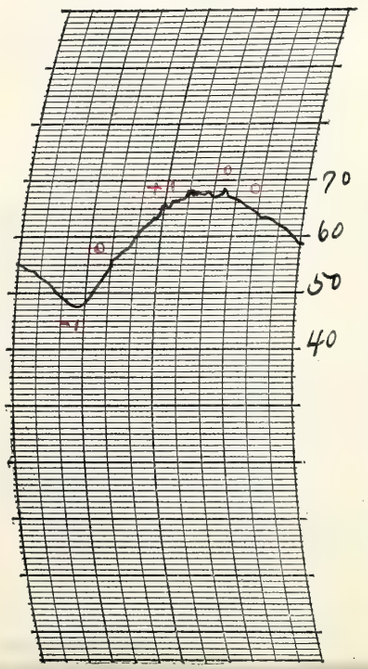
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	47	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.9 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 69
Prevailing wind direction, N Total wind, 123
Average hourly velocity, 5.1 Extreme velocity, 10
Maximum velocity, 10 Direction, N
Time began, 3:15 am
Reduced barometer, 30.15 7 a. m. 30.10 7 p. m.
River gage, 1.3 feet
Relative humidity, 67 7 a. m. 48 7 p. m.

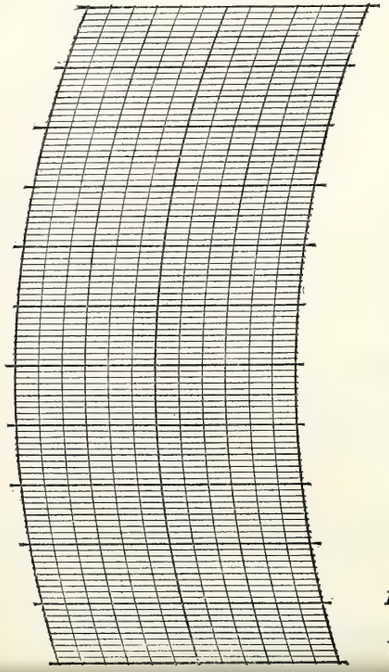
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.6 Wet temperature, 53.3
Dew-point, 42 R. humidity, 40 V. pressure, .266
Clouds: Amount, 4 ; Kind, ci st ; Direction, NW
Velocity of clouds (miles per hour)

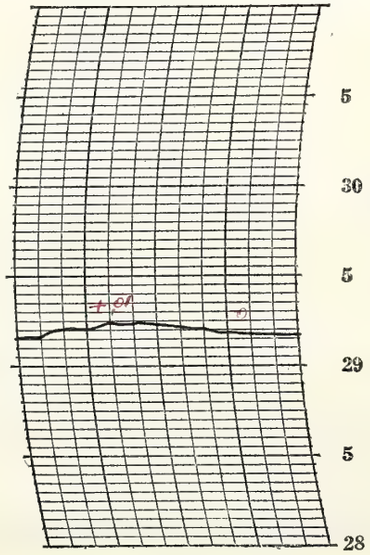
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by E.L.H.

8—486

NOTES

The sky was mostly clear for the greater part of the forenoon. The cloudiness gradually increased and the sky became mostly overcast late afternoon. Mostly cloudy into the night.

It was quite cool in the early morning and the temperature for the day averaged considerably below normal.

Solar halo, 22° radius, observed 10:10 am; circle complete and brightly colored at times; disappeared about 1:00 pm. and reappeared for a while about 4:15 p.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 3 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	57	56	54	56	59	65	67	68	69	71	72	73	74	75	76	75	73	71	68	65	63	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<							Clear							X	Pt cloudy		X	Clear		>
Sunshine (in tenths of hours)					.35 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0					
Wind direction	N	N	NE	NE	NE	NE	NE	E	E	NE	NE	E	N	E	N	N	N	W	SW	SW	SW	NW	NW	NW
Wind movement	4	5	4	4	4	4	4	3	4	6	6	4	5	4	5	5	3	5	3	4	4	6	3	2

Sunrise: Time, 4:39 Character, Clear
Moonrise: 10:18a Cloudy
Sunset: Time, 6:55 Character, Cloudy
Moonset: 10:11p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

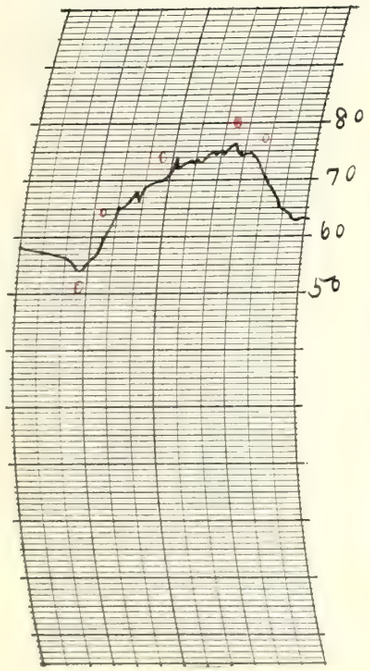
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	54	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.4 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 94
Prevailing wind direction, NE Total wind, 101
Average hourly velocity, 4.2 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 9:04 am
Reduced barometer, 30.08 7 a. m. 29.99 7 p. m.
River gage, 0.7 fall
Relative humidity, 72 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.8 Wet temperature, 57.0
Dew-point, 46 R. humidity, 42 V. pressure, .310
Clouds: Amount, 2/7; Kind, Cu cu; Direction, NW SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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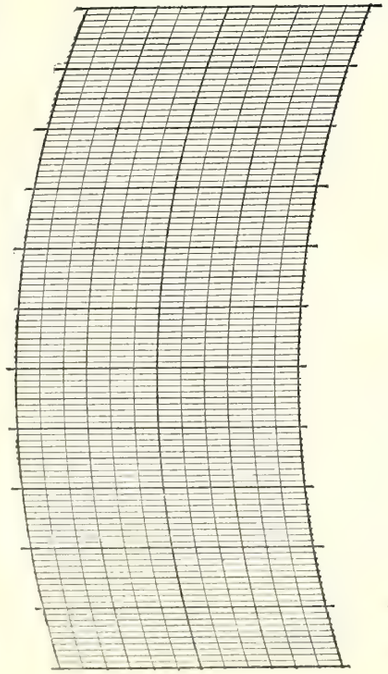
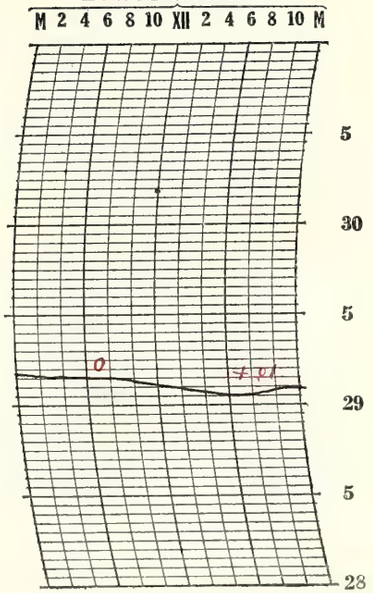


BAROGRAPH.



Prepared by O.E.R.

Verified by E. L. H.

8—486

NOTES

Some cloudiness prevailed all the time but the sky was mostly clear the greater part of the day. It became partly cloudy in the evening but was mostly clear again late at night. Bright stars visible.

The weather was fine although the temperature was still somewhat below normal.

Solar halo, 22° radius, observed 11:10 am for a few minutes; slightly colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 4 1927, 192

Time (local standard) 0 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	59	58	57	57	61	66	70	73	74	77	78	78	79	78	78	76	74	71	69	68	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					33 0	07 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	90 0					
Wind direction	E	E	E	S	S	SW	SW	SW	SW	SW	W	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	3	3	3	5	4	6	4	5	7	8	8	8	9	10	11	11	9	8	5	5	7	7	7	7

Sunrise: Time, 4:40 Character, Clear
Moonrise: 11:16a Clear
Sunset: Time, 6:54 Character, Clear
Moonset: 10:35p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

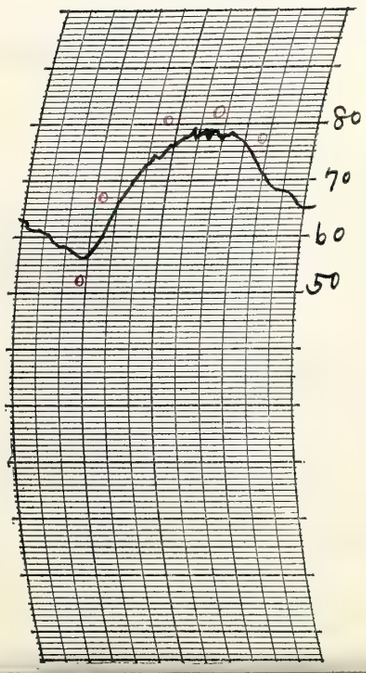
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.7 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 2:15 pm
Reduced barometer, 30.05 7 a. m. 29.96 7 p. m.
River gage, 0.9 feet
Relative humidity, 70 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 59.3
Dew-point, 47 R. humidity, 34 V. pressure, 3.22
Clouds: Amount, 2 Few; Kind, Cu Cu St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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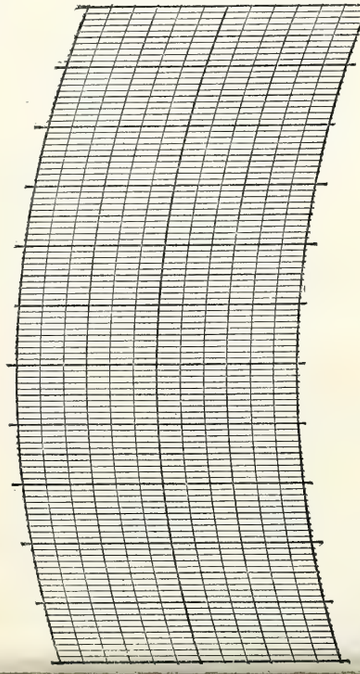
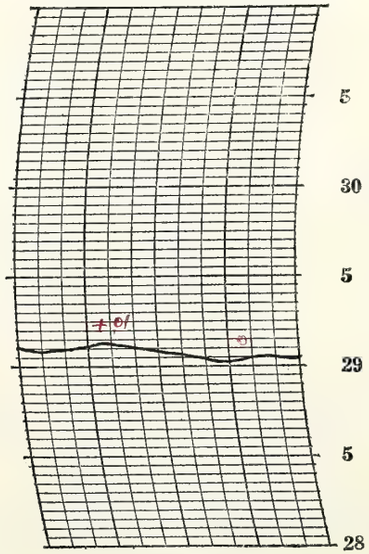


BAROGRAPH.



Prepared by O.K.

Verified by E.L.H.

8—486

NOTES

Heavy deposit of dew in early morning.
The sky was mostly clear all day and into the night. Stars bright.

The weather was fine but the temperature continued below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 5 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	63	61	60	61	61	64	69	71	72	74	75	76	76	77	76	73	69	66	64	63	61
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN																						
Amounts of precipitation	T	T																						
Cloudiness and other conditions		7																						
Sunshine (in tenths of hours)					0 (.32)	0.3 (0.7)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0 (.88)					
Wind direction	W	W	W	NW	NW	NW	N	N	N	NW	NW	NW	W	W	W	W	W	W	W	W	W	NW	NW	W
Wind movement	6	6	6	7	6	6	8	8	7	6	9	9	9	9	8	8	8	5	7	4	5	3	1	1

Clear

Sunrise: Time, 4:41 Character, Clear

Moonrise: 12:16p Clear

Sunset: Time, 6:53 Character, Clear

Moonset: 11:01p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, First Quarter 12:05 p.m.

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 100

Prevailing wind direction, W Total wind, 152

Average hourly velocity, 6.3 Extreme velocity, 13

Maximum velocity, 13 Direction, NW

Time began, 1:24 p.m.

Reduced barometer, 30.10 7 a. m. 30.07 7 p. m.

River gage, 1.3 feet

Relative humidity, 82 7 a. m. 39 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

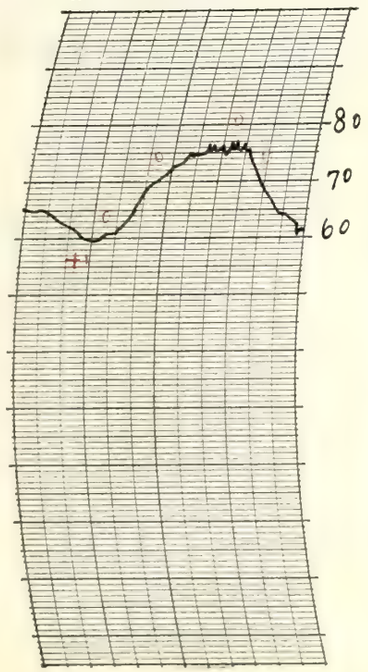
Dry temperature, 71.9 Wet temperature, 56.6

Dew-point, 44 R. humidity, 38 V. pressure, .287

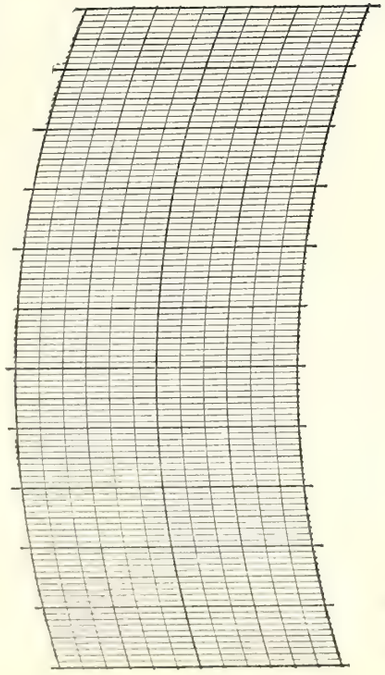
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

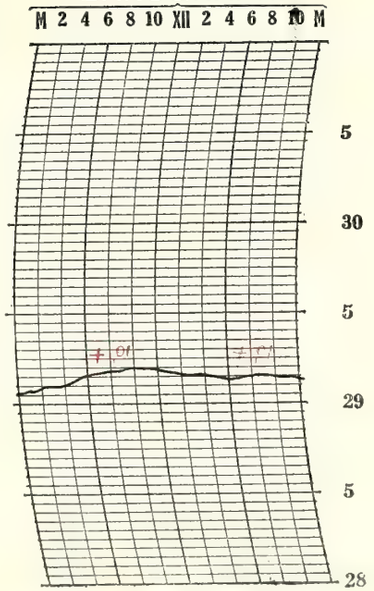
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.E.K.

Verified by E.L.H.

8—486

NOTES

A light sprinkle of rain occurred in the early morning. From the indication of the barograph the sprinkle probably occurred about 1:00 am. During the day the sky was sometimes cloudless. Clear into the night. Stars bright. Dim moonlight for a while in the evening.

The weather was fine although the temperature continues below normal

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 6 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	59	58	58	61	65	71	77	81	83	83	85	85	86	87	80	76	74	73	72	71	71	70
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:25	RE 6:30					
Amounts of precipitation																		T	T					
Cloudiness and other conditions						Clear					Ptly Cldy	Ptly Cldy	Clear					Ptly Cldy						

Sunrise: Time, 4:47; Character, Clear. Moonrise: 1:17 p; Character, Cloudy.

Sunset: Time, 6:57; Character, Cloudy. Moonset: 11:30 p; Character, Cloudy.

Sunshine (in tenths of hours)					30 0	07 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	1.0	1.0	0.4	0	0					
Wind direction	D	W	S	S	S	SE	SE	S	S	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	0	1	3	4	4	4	3	5	8	7	6	4	5	7	8	9	13	13	10	7	5	4	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

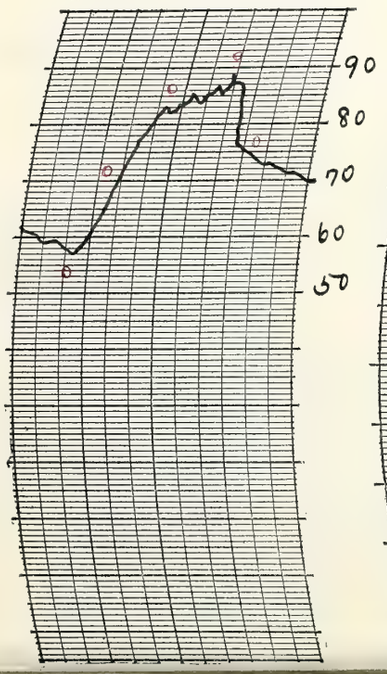
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	57	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.3 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 80
Prevailing wind direction, S Total wind, 141
Average hourly velocity, 5.9 Extreme velocity, 26
Maximum velocity, 26 Direction, SW
Time began, 4:46 p.m.
Reduced barometer, 30.037 a. m. 29.887 7 p. m.
River gage, 0.7 ft.
Relative humidity, 44 7 a. m. 71 7 p. m.

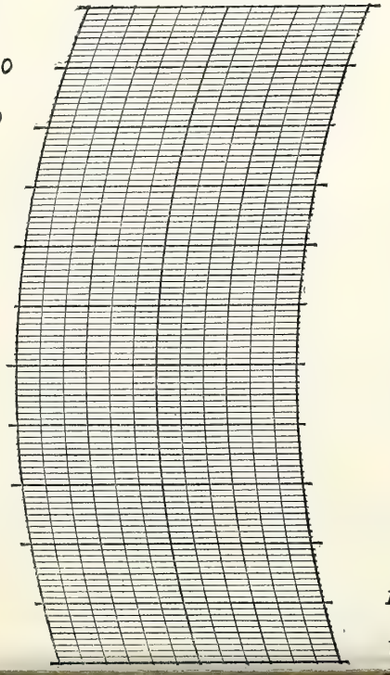
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 66.5
Dew-point, 57 R. humidity, 42 V. pressure, .465
Clouds: Amount, 2 a cu; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

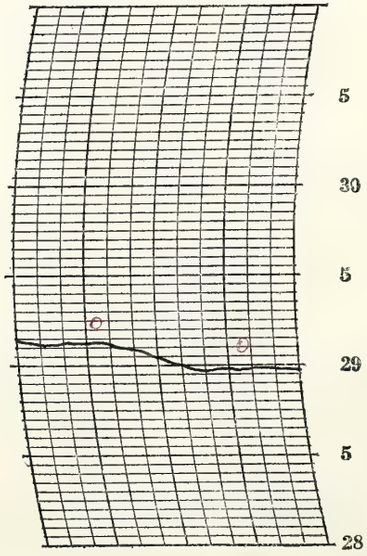
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by E.L.H.

NOTES

It was mostly clear during the forenoon. The cloudiness varied considerably during the afternoon. It was partly cloudy into the night with moonlight at intervals between the clouds. A light sprinkle fell in the late afternoon.

It was cool in the early morning but the temperature rose rapidly and the afternoon became rather warm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	67	68	69	74	78	82	86	87
State of weather: Nature of precipitation and time of beginning and ending				RB PN	RE DN							
Amounts of precipitation				T	T							
Cloudiness and other conditions			?	Cloudy		X			Clear			
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	6	6	6	6	6	6	6	7	7	6	9	12
Sunshine (in tenths of hours)					0	0	04	1.0	1.0	1.0	1.0	1.0

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	90	90	88	87	76	71	66	67	67	67	66
State of weather: Nature of precipitation and time of beginning and ending							RB 6:38				RE DN	
Amounts of precipitation							.11	29	03	01	01	
Cloudiness and other conditions				X			Cloudy					
Wind direction	SW	SW	SW	SW	SW	N	N	NW	N	N	N	E
Wind movement	13	12	13	11	14	10	12	9	5	3	4	4
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	04							

Sunrise: Time, 4:43 Character, Cloudy
Moonrise: 2:19 p Cloudy
Sunset: Time, 6:51 Character, Cloudy
Moonset: — —

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 45 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.8 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind, 193
Average hourly velocity, 8.0 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 2:40 p. m.
Reduced barometer, 29.87 7 a. m. 29.83 7 p. m.
River gage, 0.9 ft.
Relative humidity, 89 7 a. m. 68 7 p. m.

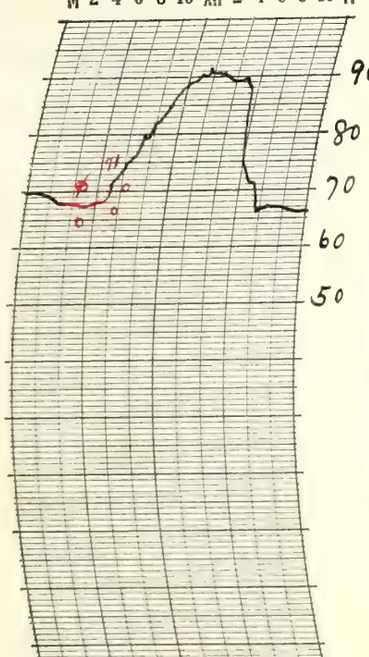
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum velocities (exceeding 22 miles) direction and time

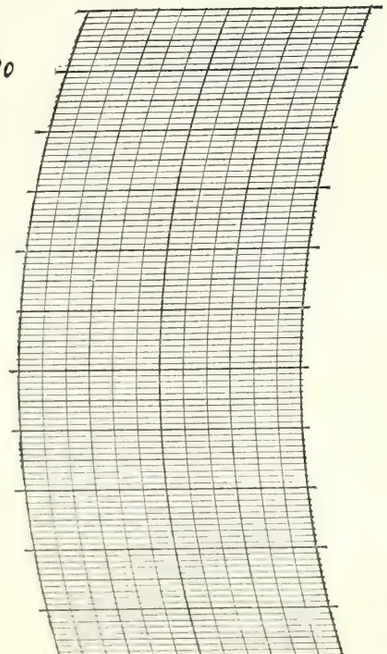
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 87.2 Wet temperature, 71.7
Dew-point, 64 R. humidity, 47 V. pressure, .595
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

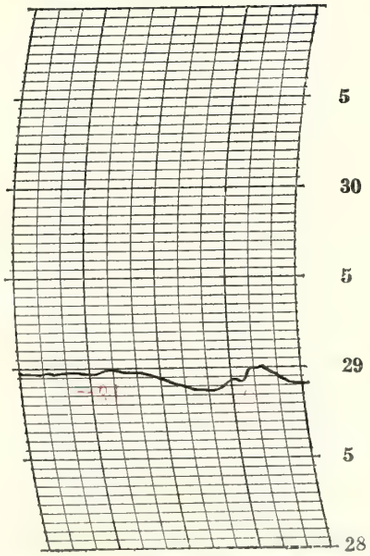
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. G. P.
Verified by E. L. H.

8—486

NOTES

A light shower occurred in the early morning. The sky cleared after sunrise and remained mostly clear until late afternoon when it became cloudy and threatening. A thunderstorm accompanied by rain began at 6:30 p. m. and continued into the night.

It was very warm until about 5:00 p. m. when the temperature fell very rapidly.

A large barn and contents, near city, was destroyed by fire started by lightning.

2 clocks stopped; used interpolation

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 8 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	66	65	66	66	67	67	70	73	75	76	78	79	80	80	78	71	68	69	68	66	66
State of weather: Nature of precipitation and time of beginning and ending	RB DN							RE 7:45											RB 6:48	RE 7:55				
Amounts of precipitation	T	.03	.02	.01	.02	T	.01	.01											T	.03				
Cloudiness and other conditions	←							Cloudy						×	Partly	×						Cloudy		→
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0.8	1.0	0.8	1.0	1.0	1.0	0.6	0	0					
Wind direction	SE	SE	SE	SE	SE	E	NE	NE	NE	NE	N	N	NW	W	W	W	W	W	NW	NW	NW	NW	NW	N
Wind movement	4	6	6	4	4	2	3	3	3	2	2	3	3	3	6	5	5	5	12	8	10	10	10	8

Sunrise: Time, 4:44 Character, Cloudy
Moonrise: 3:22p Cloudy
Sunset: Time, 6:49 Character, Cloudy
Moonset: 12:05a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

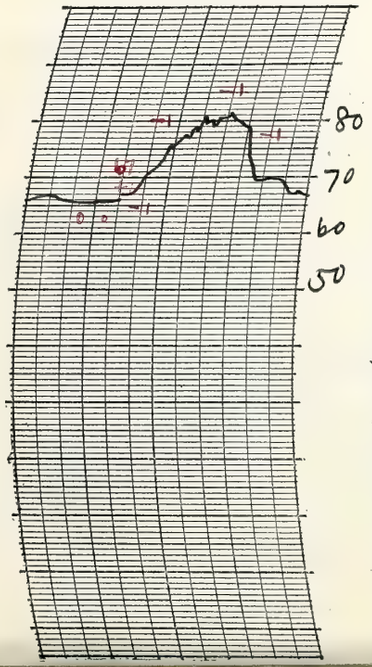
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .54 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.4 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 45
Prevailing wind direction, NW Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 20
Maximum velocity, 20 Direction, W
Time began, 6:05 p.m.
Reduced barometer, 29.82 7 a. m. 29.87 7 p. m.
River gage, 1.6 feet
Relative humidity, 97 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.7 Wet temperature, 68.5
Dew-point, 65 R. humidity, 73 V. pressure, .616
Clouds: Amount, 8; Kind, Stra; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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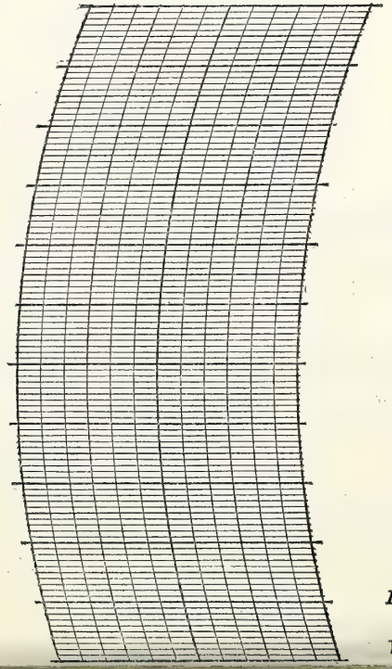
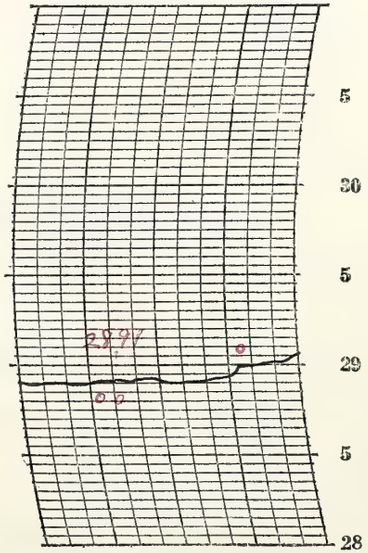


BAROGRAPH.



Prepared by O.G.R.

Verified by E.L.H.

NOTES

A light rain continued from early morning until almost 8:00 am. Considerable cloudiness prevailed all day and a light shower occurred in the evening. Heavily overcast into the night.

There was considerable moisture in the atmosphere and it was rather sultry all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 9 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	61	59	58	56	55	56	58	60	62	64	66	68	70	71	71	71	71	70	68	65	64	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<							Clear												>	
Sunshine (in tenths of hours)					.27 0	.05 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.50 0.3					
Wind direction	N	N	N	N	N	N	N	NE	N	NE	N	N	N	N	NE	E	NE	NE	N	N	N	N	N	N
Wind movement	10	13	10	12	12	11	12	15	12	9	7	7	8	7	6	4	4	4	2	2	1	2	2	4

Sunrise: Time, 4:44 Character, Clear
Moonrise: 4:23p Clear
Sunset: Time, 6:48 Character, Clear
Moonset: 12:48a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

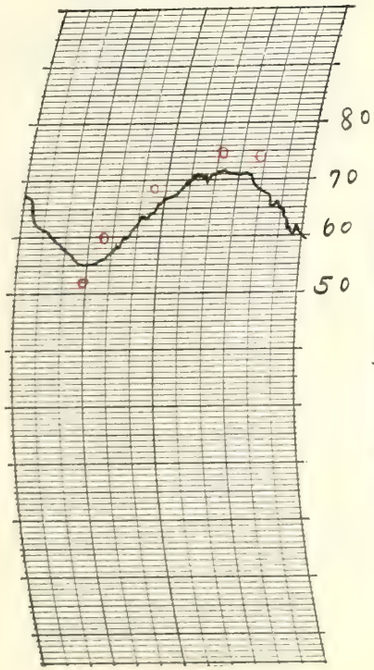
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.1 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 176
Average hourly velocity, 7.3 Extreme velocity, 21
Maximum velocity, 21 Direction, N
Time began, 1:00 am
Reduced barometer, 30.16 7 a. m. 30.13 7 p. m.
River gage, 1.9 feet
Relative humidity, 58 7 a. m. 40 7 p. m.

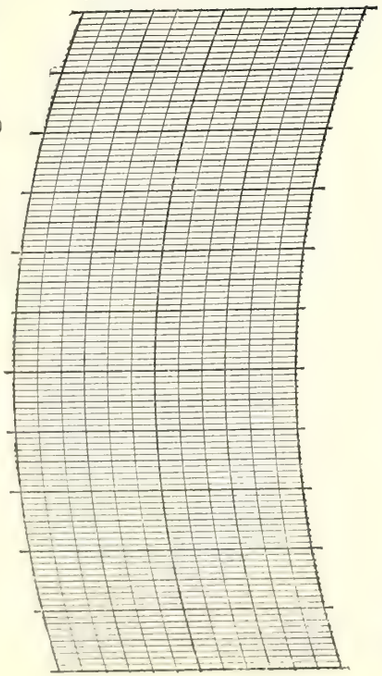
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.4 Wet temperature, 53.4
Dew-point, 42 R. humidity, 41 V. pressure, 2.66
Clouds: Amount, 1; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

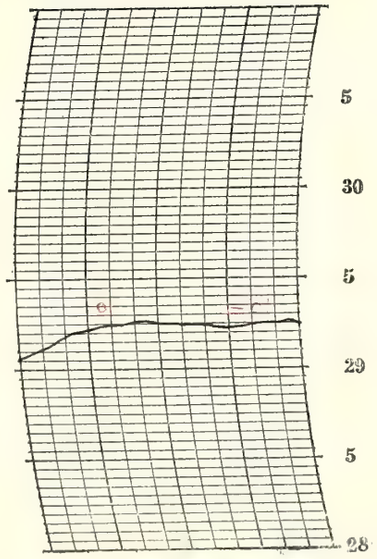
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by E.L.H

8—486

NOTES

A small amount of clouds prevailed all day but they were never heavy enough to interfere materially with the sunshine. Clear into the night with moonlight.

The weather was quite pleasant and the atmosphere dry. The average temperature was considerably below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 10 1927, 192

Time (local standard) 9 0 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	56	55	53	55	59	63	66	65	70	71	72	72	73	73	73	72	71	68	65	63	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<					Pt cloudy							X		Clear					>
Sunshine (in tenths of hours)					0	0	0	0	0	0.7	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.7 0.8	0					
Wind direction	N	N	N	N	N	N	N	N	E	SE	E	E	SE	SE	E	NE	E	E	E	E	E	E	E	E
Wind movement	4	4	3	2	3	2	1	1	2	4	5	5	5	4	4	4	4	3	3	2	2	3	1	2

Sunrise: Time, 4:45 Character, Cloudy
Moonrise: 5:20 p Clear

Sunset: Time, 6:47 Character, Clear
Moonset: 1:39 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

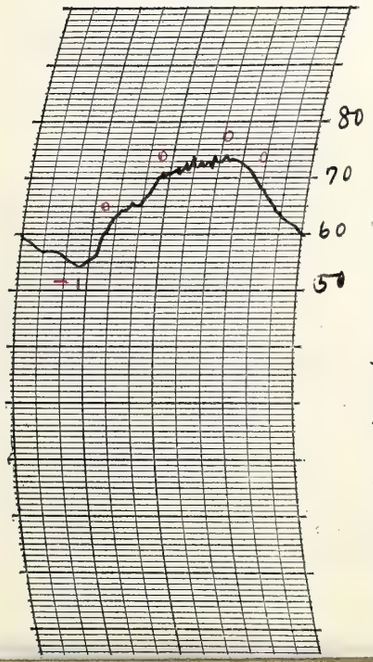
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.3 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 66
Prevailing wind direction, E Total wind, 73
Average hourly velocity, 3.0 Extreme velocity, 6
Maximum velocity, 6 Direction, E
Time began, 11:40 am
Reduced barometer, 30.19 7 a. m. 30.04 7 p. m.
River gage, 1.7 feet
Relative humidity, 72 7 a. m. 43 7 p. m.

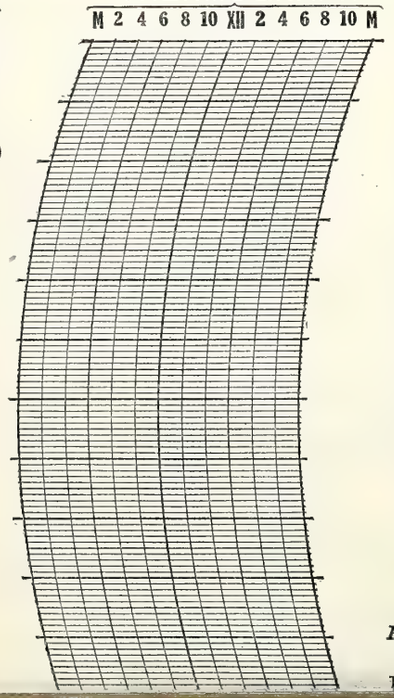
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.2 Wet temperature, 53.6
Dew-point, 37 R. humidity, 29 V. pressure, .219
Clouds: Amount, 3 1; Kind, 4 a cu; Direction, SW
Velocity of clouds (miles per hour)

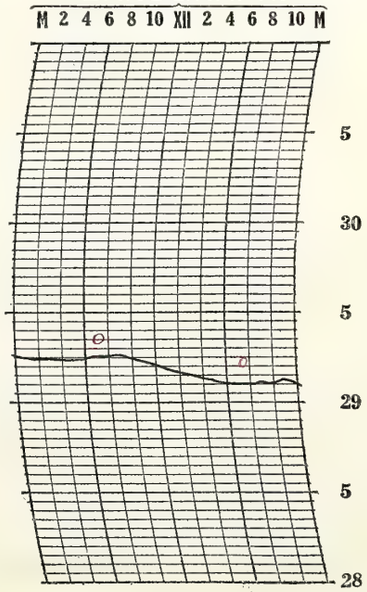
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.A.R.
Verified by E.L.H.

NOTES

The sky was partly cloudy until late in the afternoon after which it was clear. Moonlight at night.
The weather was quite pleasant altho the temperature averaged below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 11 1927, 192

Time (local standard 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	58	56	55	55	59	66	71	73	74	76	77	78	81	80	79	78	77	73	71	69	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←							Clear														→
Sunshine (in tenths of hours)					2.2 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.4 0					
Wind direction	E	E	E	E	E	N	N	N	N	N	N	NW	N	N	N	NW	N	N	N	E	E	E	O	E
Wind movement	3	2	2	1	2	4	3	2	3	3	5	6	6	5	4	4	4	4	2	3	2	1	0	1

Sunrise: Time, 4:47 Character, Clear
Moonrise: 6:11p Clear
Sunset: Time, 6:45 Character, Cloudy
Moonset: 2:39a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

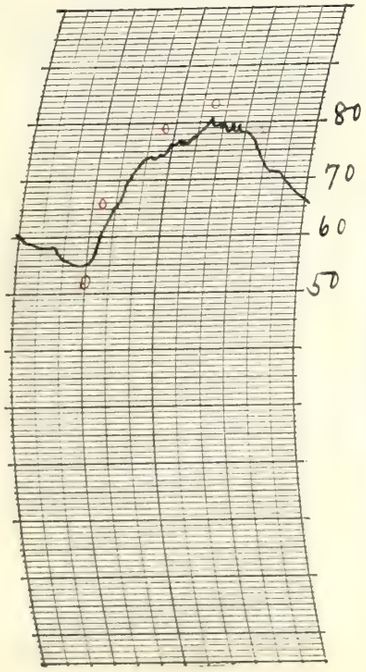
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 97
Prevailing wind direction, N Total wind, 72
Average hourly velocity, 3.0 Extreme velocity, 8
Maximum velocity, 8 Direction, NW
Time began, 1100 p.m.
Reduced barometer, 30.01 7 a. m. 29.91 7 p. m.
River gage, 0.9 ft.
Relative humidity, 79 7 a. m. 36 7 p. m.

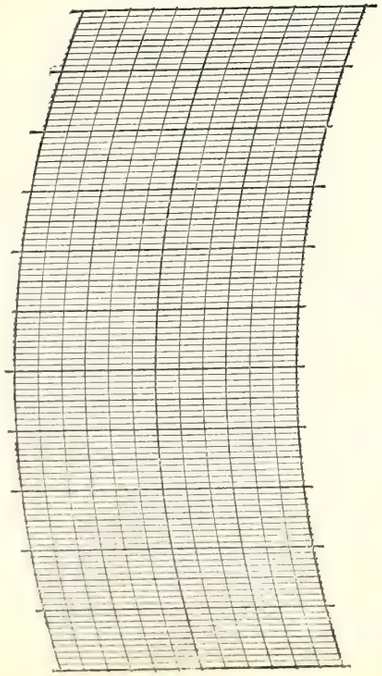
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.5 Wet temperature, 58.1
Dew-point, 45 R. humidity, 34 V. pressure, .298
Clouds: Amount, Few; Kind, Cirr.; Direction, W
Velocity of clouds (miles per hour)

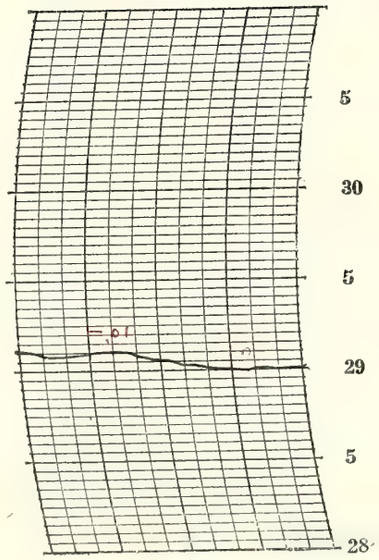
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by E.L.H.

8—486

NOTES

The sky was mostly clear all day and into the night. Moonlight at night. The moon was nearly full but it was low in the south.

The weather was quite pleasant.

Heavy deposit of dew in the early morning.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	60	61	61	62	67	71	72	76	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Pt cloudy				
Sunshine (in tenths of hours)					0	0	0.1	1.0	0.8	1.0	0.4	0
Wind direction	E	SE	N	N	E	E	E	SE	SE	S	SE	SE
Wind movement	2	1	2	2	2	1	2	3	5	5	5	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	73	70	69	70	70	70	68	67	66	66	64
State of weather: Nature of precipitation and time of beginning and ending	RB 12:30	—	—	RE 3:30								
Amounts of precipitation	T	T	T	T								
Cloudiness and other conditions				Cloudy						Pt cloudy		
Sunshine (in tenths of hours)	0	0	0	0	0	0.2	0					
Wind direction	S	W	SW	SW	SE	SE	SE	E	E	O	E	E
Wind movement	3	7	6	5	2	3	4	3	2	0	2	3

Sunrise: Time, 4:48 Character, Cloudy
Moonrise: 6:55p Cloudy
Sunset: Time, 6:44 Character, Cloudy
Moonset: 3:46a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

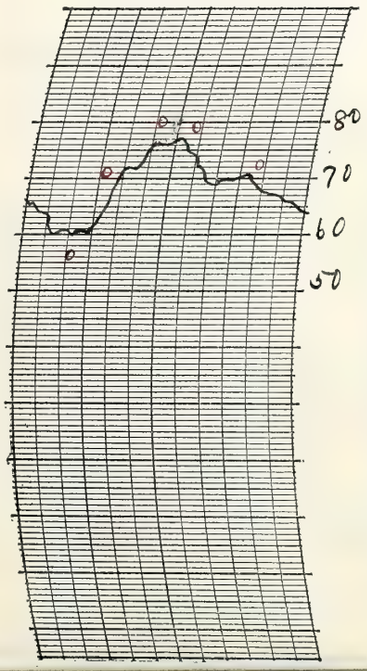
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Full 10:37 p.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.5 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 25
Prevailing wind direction, E-SE Total wind, 72
Average hourly velocity, 3.0 Extreme velocity, 10
Maximum velocity, 10 Direction, W
Time began, 1:40 pm
Reduced barometer, 29.95 7 a. m. 29.91 7 p. m.
River gage, 1.3 ft
Relative humidity, 62 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77.1 Wet temperature, 61.3
Dew-point, 51 R. humidity, 40 V. pressure, .373
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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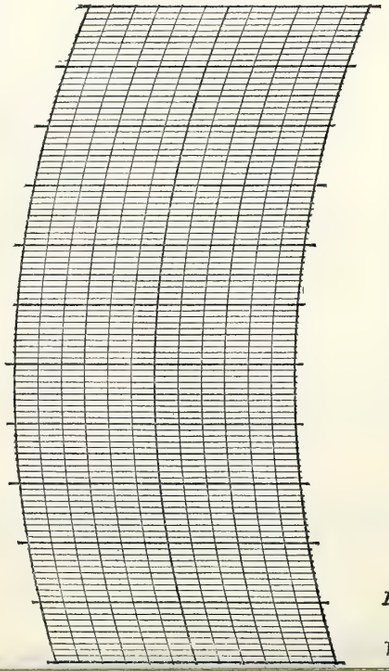
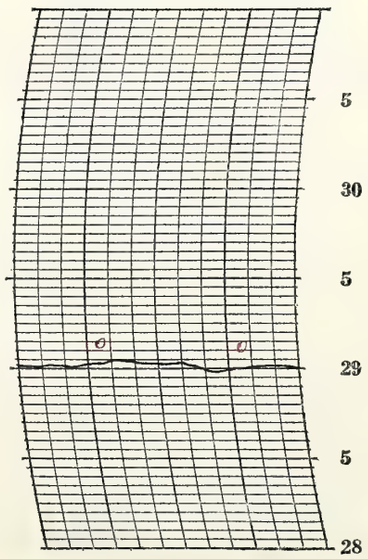


BAROGRAPH.



Prepared by O.W.R.

Verified by E.L.H

NOTES

The sky was partly cloudy for a while in the afternoon but the day as a whole was cloudy. A light sprinkle of rain continued for some time during the afternoon but the total rainfall was only a trace. Partly cloudy into the night with moonlight at intervals through the clouds. The moon was full but it was low in the south.

The weather was rather pleasant. Temperatures below normal.

Solar halo, 22° radius observed 8:00 am for a few minutes.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 13 1927, 192

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	64	63	65	66	72	75	79	81	80	82	82	83	82	81	78	77	76	75	73	72	71
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN																				RB 9:15		
Amounts of precipitation	T	T																				T	T	T
Cloudiness and other conditions									Pt cloudy								X			Cloudy				
Sunshine (in tenths of hours)					0	0	0.4	0.8	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	E	E	E	E	E	E	E	E	S	SW	S	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	3	2	4	3	2	3	3	3	4	4	8	9	10	10	10	9	9	4	4	4	8	5	7

Sunrise: Time, 4:49 Character, Cloudy
Moonrise: 7:33p Cloudy
Sunset: Time, 6:43 Character, Cloudy
Moonset: 5:00a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

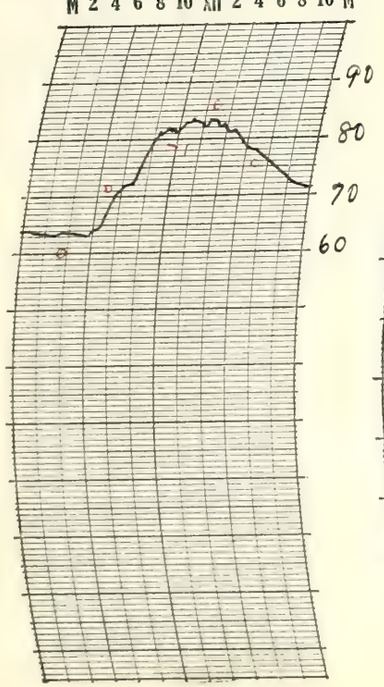
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	63	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.0 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 3:00 pm
Reduced barometer, 29.94 7 a. m. 29.89 7 p. m.
River gage, 0.7 feet
Relative humidity, 79 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.4 Wet temperature, 68.4
Dew-point, 62 R. humidity, 54 V. pressure, .535
Clouds: Amount, 5; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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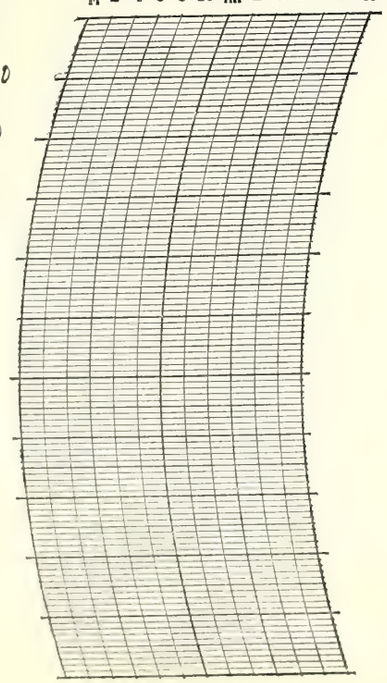
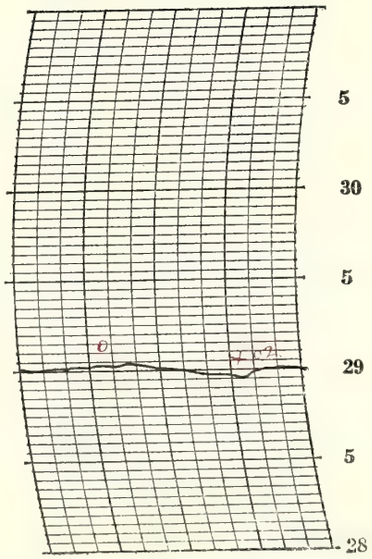


BAROGRAPH.



Prepared by O.E.R.
Verified by E.L.H.

8—486

NOTES

A very light sprinkle of rain occurred during the night am — probably about 1:00 am. The sky was partly cloudy most of the time during the day. It became mostly cloudy late in the afternoon and continued cloudy into the night. Light sprinkles of rain occurred at intervals after about 9:15 p.m.

Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	68	67	67	69	72	75	78	79
Nature of precipitation and time of beginning and ending									RE 8:15			
Amounts of precipitation	T	T	T	.02	T	T	.01	T	T			
Cloudiness and other conditions						Cloudy					Pt cloudy	
Sunrise: Time, 4:50; Character, Cloudy												
Moonrise: 8:07p Clear												
Sunshine (in tenths of hours)					0	0	0	0	0.7	1.0	1.0	1.0
Wind direction	SW	SW	SW	NW	SW	SW	SW	SW	W	NW	NW	NW
Wind movement	6	6	5	2	5	7	8	6	7	9	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	81	82	81	80	75	73	72	71	66	67
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt cloudy					Clear						
Sunset: Time, 6:41; Character, Clear												
Moonset: 6:15a Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	0.9	0.3 0.7	0.8 0					
Wind direction	NW	NW	N	N	N	N	NE	NE	NE	E	N	E
Wind movement	8	8	9	11	12	10	6	4	1	1	5	6

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.2; Possible sunshine, hours, 13.8
Per cent of possible sunshine, 74
Prevailing wind direction, SW; Total wind, 154
Average hourly velocity, 6.4; Extreme velocity, 15
Maximum velocity, 15; Direction, N
Time began, 3:59 p.m.
Reduced barometer, 29.92 7 a. m. 29.98 7 p. m.
River gage, 0.8 ft.
Relative humidity, 94 7 a. m. 72 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

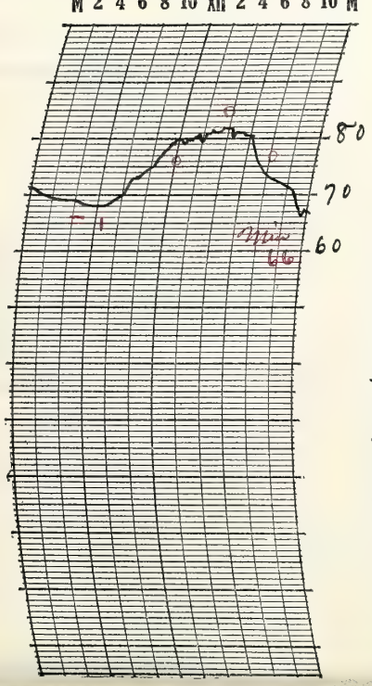
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 69.0
Dew-point, 64 R. humidity, 60 V. pressure, .595
Clouds: Amount, 4; Kind, CU; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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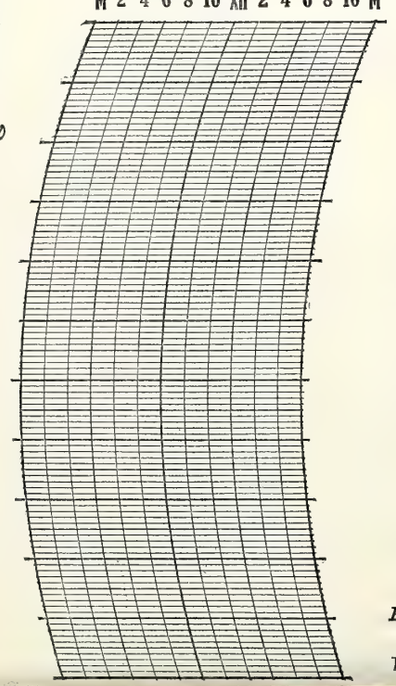

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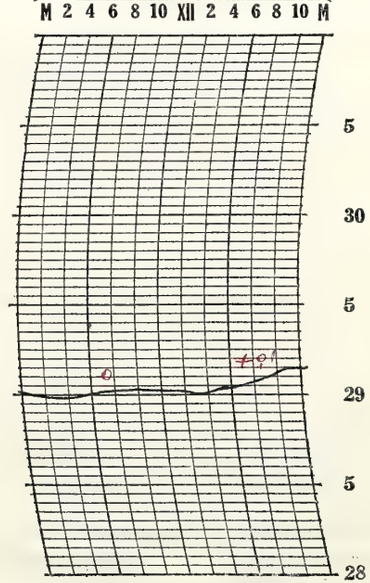


Prepared by O.L.R.

Verified by E.L.H.

NOTES

Light rain continued from the previous date and ended at 8:15 am. The sky cleared somewhat soon after the rain ceased and it was mostly clear during the afternoon. Clear into the night with moonlight after about 9:00 p m.

The temperature averaged about normal.

Solar halo, 22° radius, observed through the lower clouds for about 2 minutes 8:36 am. Brightly colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 15 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	61	59	58	56	58	63	65	66	68	69	72	73	72	73	74	71	70	68	67	64	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear																	×	Partly					→
Sunshine (in tenths of hours)					0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0					
Wind direction	NE	NE	NE	NE	N	N	N	NE	NE	N	N	N	N	N	NE	N	N	N	N	N	N	N	N	N
Wind movement	6	8	8	8	7	7	8	10	10	8	10	8	8	6	8	6	6	7	3	2	1	2	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:51 Character, Clear
Moonrise: 8:38p Cloudy
Sunset: Time, 6:40 Character, Cloudy
Moonset: 7:31a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

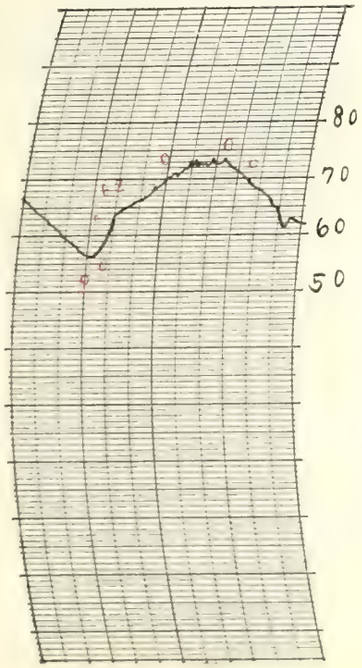
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	56	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 96
Prevailing wind direction, N Total wind, 152
Average hourly velocity, 6.3 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 7:29 am
Reduced barometer, 30.19 7 a. m. 30.10 7 p. m.
River gage, 0.9 ft
Relative humidity, 67 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.0 Wet temperature, 55.2
Dew-point, 44 R. humidity, 41 V. pressure, 2.87
Clouds: Amount, Few; Kind, Few; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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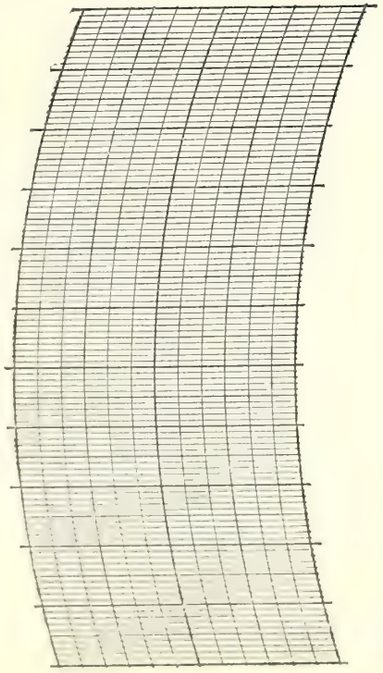
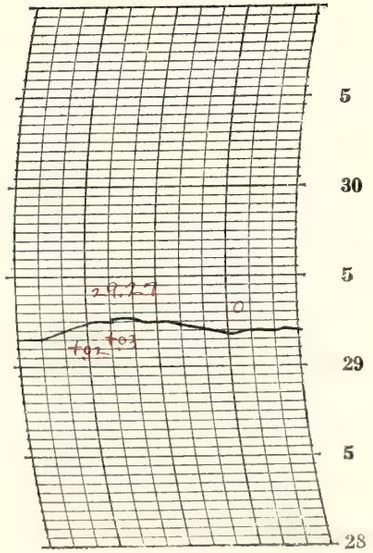


BAROGRAPH.



Prepared by O.E.P.
Verified by E.L.H.

8—486

NOTES

Only a small amount of cloudiness prevailed until late in the afternoon when it became partly cloudy. Partly cloudy into the night. Dim moonlight late at night.

The weather was pleasant altho the temperature averaged somewhat under normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	58	55	56	60	64	68	71	73	74	77	77	78	78	79	76	74	72	71	69	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				K				Clear										X Partly X				Cloudy		
Sunshine (in tenths of hours)					0.3 0	0.8 0.1	0.4	1.0	1.0	0 1.0	0 1.0	0 1.0	0 1.0	0 1.0	0 1.0	0 1.0	1.0	0.4	0					
Wind direction	SE	SE	S	S	S	S	S	S	SW	0 SW	0 SW	0 SW	0 SW	0 SW	0 SW	0 SW	SW	SW	S	S	S	S	SW	SW
Wind movement	2	6	5	3	4	4	5	5	7	0 6	0 6	0 5	0 5	0 5	0 5	0 5	4	5	4	2	3	1	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:52 Character, Clear
Moonrise: 9:07p Cloudy
Sunset: Time, 6:39 Character, Cloudy
Moonset: 8:45a Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

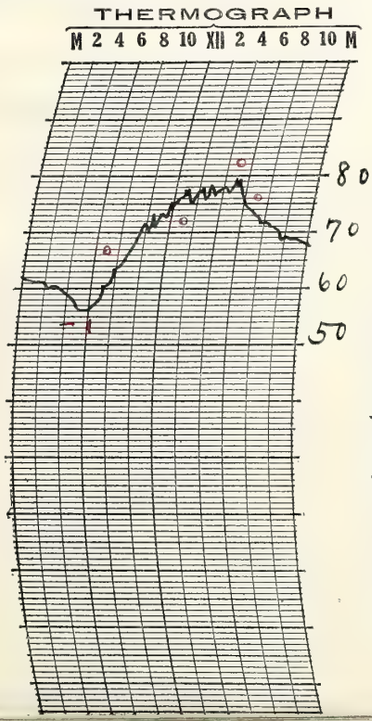
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	55	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind, 102
Average hourly velocity, 4.2 Extreme velocity, 8 *
Maximum velocity, 8 * Direction, SW
Time began, 8:15 am
Reduced barometer, 30.097 a. m. 29.967 p. m.
River gage, 1.5 ft.
Relative humidity, 69 a. m. 44 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.1 Wet temperature, 58.8
Dew-point, 48 R. humidity, 39 V. pressure, .334
Clouds: Amount, few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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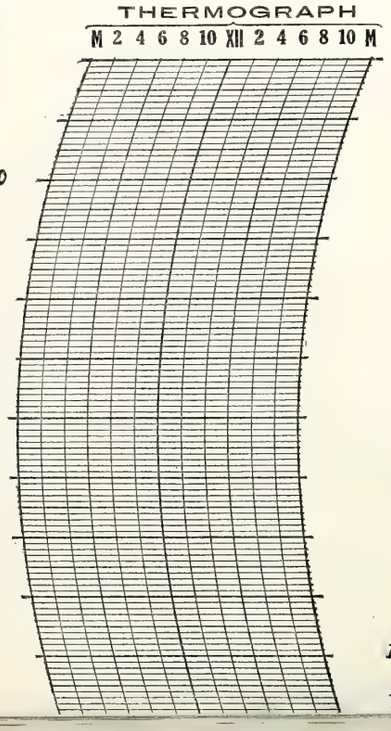
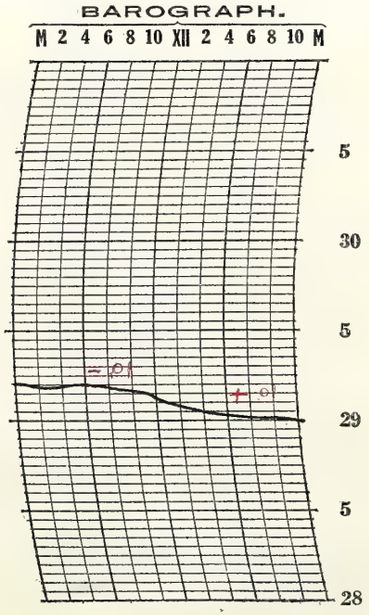


BAROGRAPH.



Prepared by O.G.P.

Verified by E.L.H.

NOTES

Moonlight in early morning. Clock removed from triple register for repairs at 9:20 am; data by observation and interpolation.

More or less cloudiness prevailed all day but the sky was mostly clear until late in the afternoon. Partly cloudy in the evening and mostly cloudy into the night.

The weather was fine but the temperature averaged below normal.

* For 18 hours.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 17 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	64	64	64	63	61	62	64	65	66	68	69	71	70	70	69	67	66	65	65	64	64
State of weather: Nature of precipitation and time of beginning and ending				RB DN	-	-	-	-	-	-	RE 10:50													
Amounts of precipitation				T	T	T	.01	.02	.02	.01	T													
Cloudiness and other conditions											Cloudy													
Sunrise: Time, 4:53 Character, Cloudy																								
Moonrise: 9:36p Cloudy																								
Sunset: Time, 6:37 Character, Cloudy																								
Moonset: 9:59a Cloudy																								
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.7	1.0	1.0	1.0	0.2	0	0	0					
Wind direction	S	S	SW	SW	0	S	W	SW	W	SW	S	S	S	SE	SE	SE	SE	SE	SW	SW	SW	SW	SW	SW
Wind movement	1	2	2	3	0	3	3	3	4	5	4	6	4	3	4	4	3	2	4	4	3	3	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	61	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.9 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 28
Prevailing wind direction, SW Total wind, 74
Average hourly velocity, 3.1 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 11:06 am
Reduced barometer, 29.89 7 a. m. 29.89 7 p. m.
River gage, 1.5 ft
Relative humidity, 83 7 a. m. 67 7 p. m.

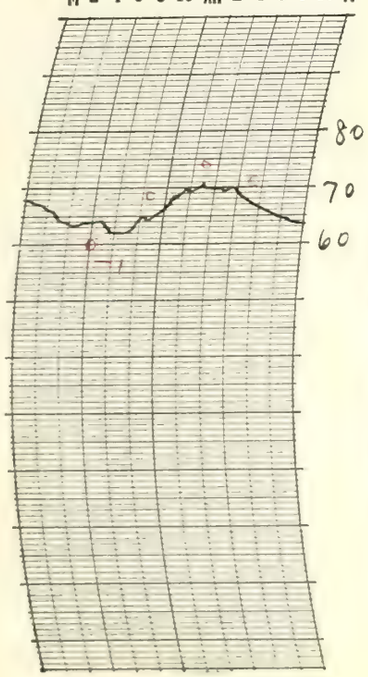
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.5 Wet temperature, 60.5
Dew-point, 56 R. humidity, 71 a 87 V. pressure, .448
Clouds: Amount, 7; Kind, St-Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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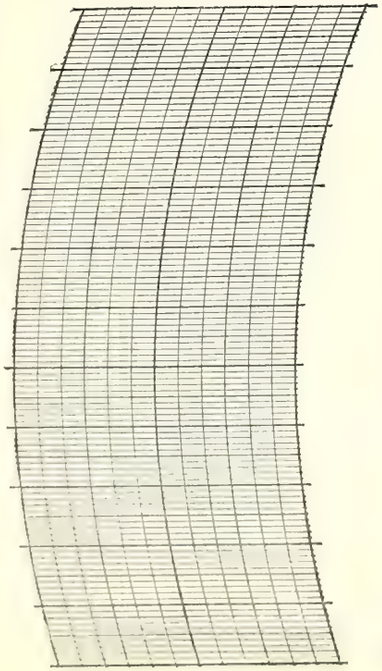
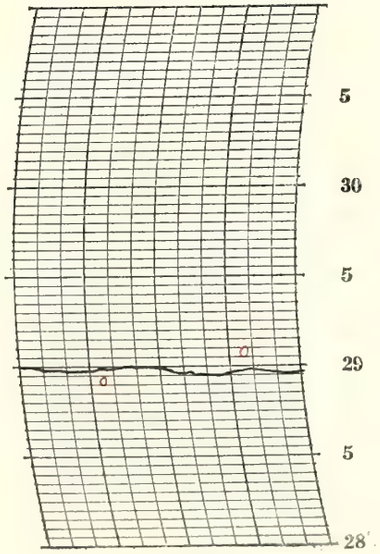


BAROGRAPH.



Prepared by O.E.R.

Verified by E.L.H.

8—486

NOTES

A light rain continued at intervals from early morning until nearly 11:00 am. The sky continued mostly overcast the rest of the day but sunshine was recorded through the clouds for a few hours. Cloudy into the night.

The temperature continued below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	62	61	59	61	63	62	62	63	64
Nature of precipitation and time of beginning and ending	RB RE							RB 7:55				RE 11:05
Amounts of precipitation	T							T	.01	T	.01	T
Cloudiness and other conditions				?	Clear	× Cloudy		×			Cloudy	
Sunshine (in tenths of hours)					0	0	0.8	04	0	0	0	0
Wind direction	SW	W	NW	NW	N	N	N	NE	NE	NE	NE	NE
Wind movement	3	4	2	2	3	5	5	6	3	3	2	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	66	63	59	60	61	62	61	60	60	61	61
Nature of precipitation and time of beginning and ending		RB 1:25			RE 4:45							
Amounts of precipitation		T	T	.02	T							
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0	0.3	0	0	0	0	0					
Wind direction	N	NE	N	N	N	N	N	N	N	N	N	N
Wind movement	4	6	9	6	4	3	5	4	4	4	3	3

State of weather.

Sunrise: Time, 4:54 Character, Clear

Moonrise: 10:07p Cloudy

Sunset: Time, 6:36 Character, Cloudy

Moonset: 11:12a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	59	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.7 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 20

Prevailing wind direction, N Total wind, 97

Average hourly velocity, 4.0 Extreme velocity, 12

Maximum velocity, 12 Direction, N

Time began, 1:49 p.m.

Reduced barometer, 29.91 a. m. 29.95 p. m.

River gage, 0.8 ft.

Relative humidity, 86 a. m. 78 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

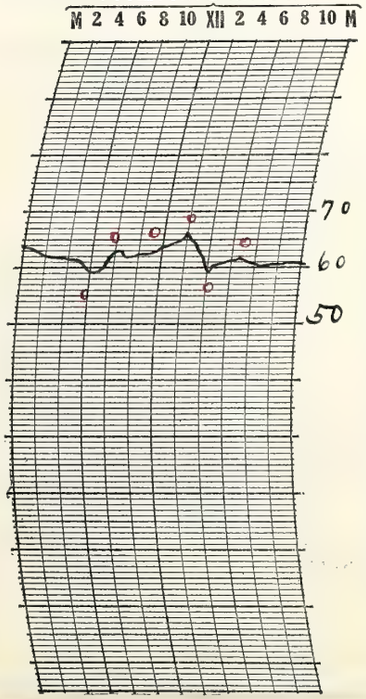
Dry temperature, 63.7 Wet temperature, 60.1

Dew-point, 57 R. humidity, 81 V. pressure, .465

Clouds: Amount, 10; Kind, St; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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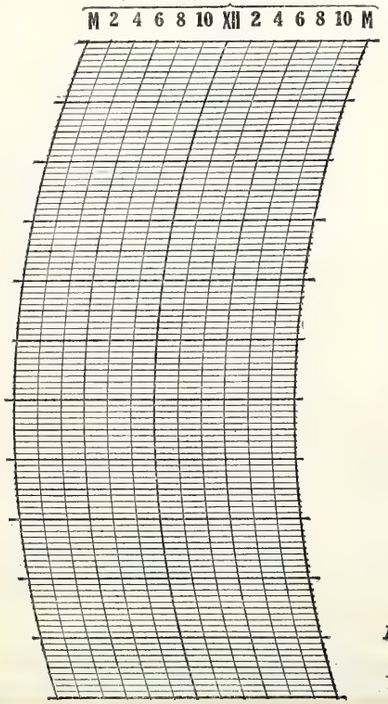
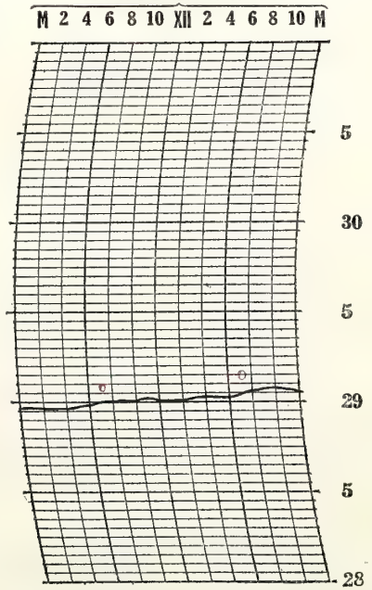


BAROGRAPH.



Prepared by OCR

Verified by E.L.H.

NOTES

A light shower occurred in the early morning but the sky was mostly clear at sunrise. It soon became cloudy again and light showers occurred at intervals until late afternoon. Cloudy into the night.

The weather was cool and rather disagreeable. Temperature averaged considerably below the normal.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 19 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	59	58	59	59	60	62	65	62	60	61
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN								RB 9:40		RE 11:10
Amounts of precipitation	T	T								T	.13	T
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character,	4:55 Cloudy											
Moonrise:	10:42 p Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.6	0	0	0
Wind direction	W	NW	NW	NW	NW	NW	NW	N	N	S	S	S
Wind movement	3	4	2	3	1	2	1	1	3	6	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	62	61	61	60	60	59	58	58	57
State of weather: Nature of precipitation and time of beginning and ending	RB 12:05 RE 12:20		RB 2:10	RE 3:55								
Amounts of precipitation	T		T	.01								
Cloudiness and other conditions												
Sunset: Time, Character,									6:34 Cloudy			
Moonset:									12:24a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	S	N	N	N	N	NE	W	N	N	NW	NW	NW
Wind movement	3	5	2	1	3	3	4	3	4	3	4	3

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	57	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase, Last Quarter 1:54 p.m.

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.6 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 4

Prevailing wind direction, NW Total wind, 74

Average hourly velocity, 3.1 Extreme velocity, 8

Maximum velocity, 8 Direction, SE

Time began, 9:15 am.

Reduced barometer, 30.02 7 a. m. 30.03 7 p. m.

River gage, 0.9 ft

Relative humidity, 85 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

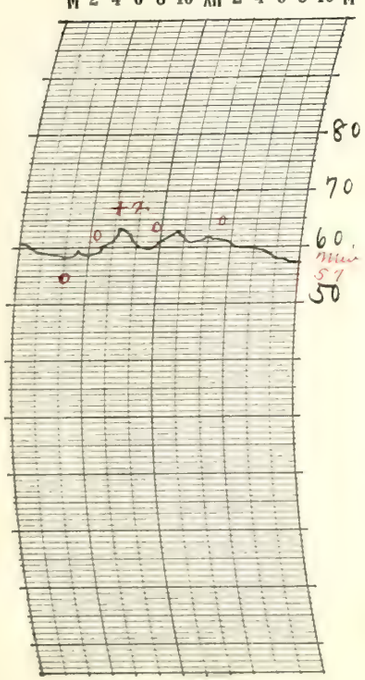
Dry temperature, 61.4 Wet temperature, 57.9

Dew-point, 55 R. humidity, 81 V. pressure, .432

Clouds: Amount, 4 ; Kind, St Cu ; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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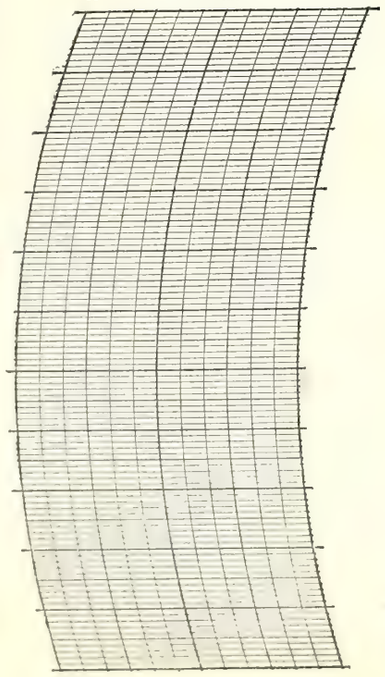

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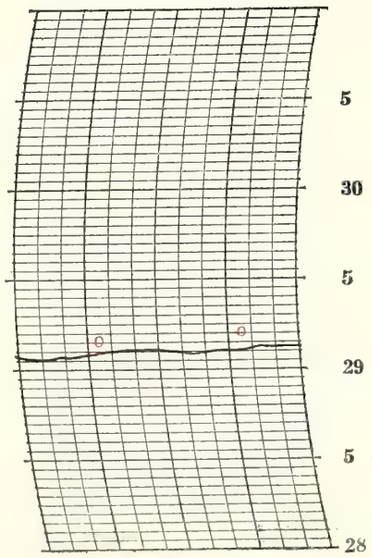


Prepared by O.E.R.

Verified by E.L.H.

8—486

NOTES

The sky was heavily overcast for the greater part of the day. A brisk shower occurred between 10:00 am and 11:00 am and lighter showers at other times. Cloudy into the night.

The weather was quite cool for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 20 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	54	52	52	53	57	62	66	67	68	70	71	74	72	71	71	70	68	67	65	62	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Pt cloudy											
Sunshine (in tenths of hours)					.07 0	1.0 0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	1.0	0.9	0.2	0.1	0.2 0.1	.55 0					
Wind direction	NW	N	NW	NW	N	N	N	N	NE	NE	NE	W	W	NE	N	N	N	N	N	NW	NW	NW	NW	N
Wind movement	3	4	3	5	4	3	3	4	4	3	3	5	5	4	5	4	4	3	3	5	3	3	5	3

Sunrise: Time, 4:56 Character, Clear
Moonrise: 11:22p Cloudy?
Sunset: Time, 6:33 Character, Clear
Moonset: 1:35p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

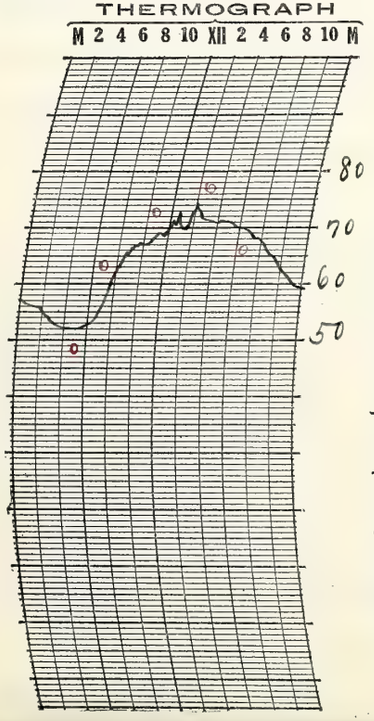
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	52	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.9 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 80
Prevailing wind direction, N Total wind, 91
Average hourly velocity, 3.8 Extreme velocity, 6
Maximum velocity, 6 Direction, W
Time began, 12:05 pm.
Reduced barometer, 30.08 7 a. m. 30.06 7 p. m.
River gage, 1.2 fall
Relative humidity, 82 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 58.5
Dew-point, 50 R. humidity, 50 V. pressure, .360
Clouds: Amount, 5; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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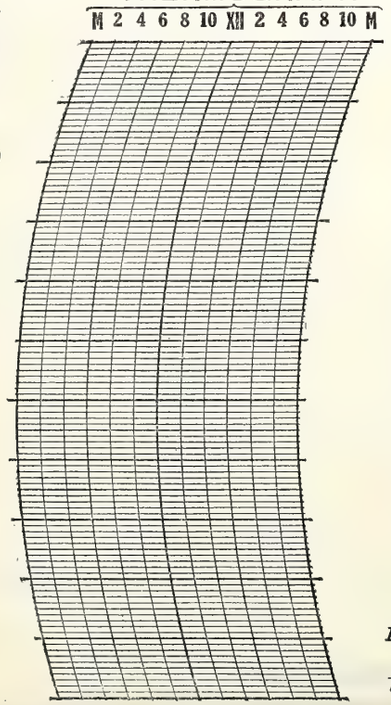
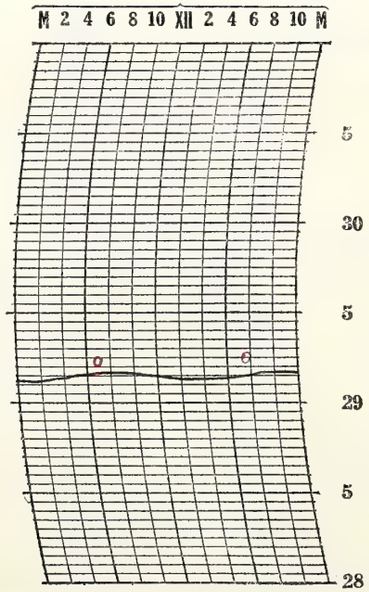


BAROGRAPH.



Prepared by OGR

Verified by E.L.H.

8—486

NOTES

Heavy deposit of dew in early morning.
The sky was mostly clear for a while in the early morning but after about 10:00 am it was partly cloudy. Partly cloudy into the night. Brighter stars visible.

The weather was pleasant although the temperature averaged considerably below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 21 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	57	56	54	58	65	68	71	73	74	76	74	76	74	75	73	71	68	67	65	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear						Pt cldy			Clear						
Sunshine (in tenths of hours)					0	0 (0.7)	0.8 (0.2)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0.5 (0.2)	0 (0.2)					
Wind direction	N	N	N	N	N	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	2	3	1	2	3	3	3	5	4	6	5	7	6	6	8	5	6	4	5	5	4	4	5

Sunrise: Time, 4:57 Character, Cloudy
Moonrise: — —
Sunset: Time, 6:31 Character, Cloudy
Moonset: 2:43p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

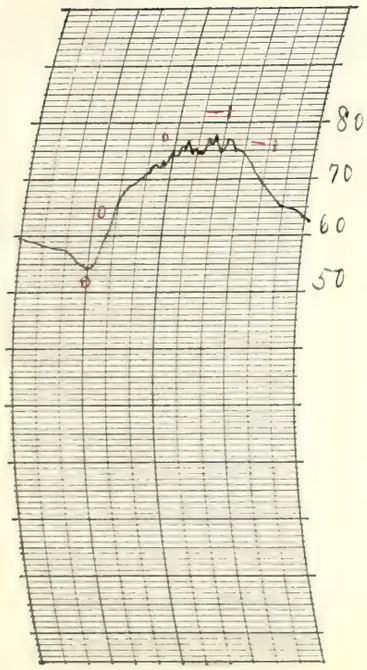
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	54	65	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.0 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 88
Prevailing wind direction, W Total wind, 104
Average hourly velocity, 4.3 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 12:51 p. m.
Reduced barometer, 30.12 7 a. m. 30.08 7 p. m.
River gage, 0.6 ft
Relative humidity, 84 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 73.7 Wet temperature, 59.5
Dew-point, 49 R. humidity, 43 V. pressure, 347
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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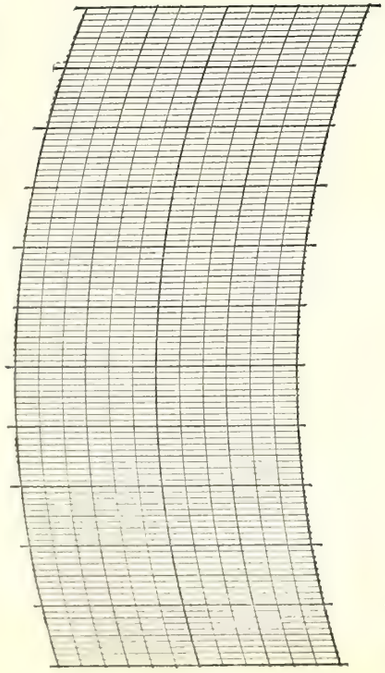
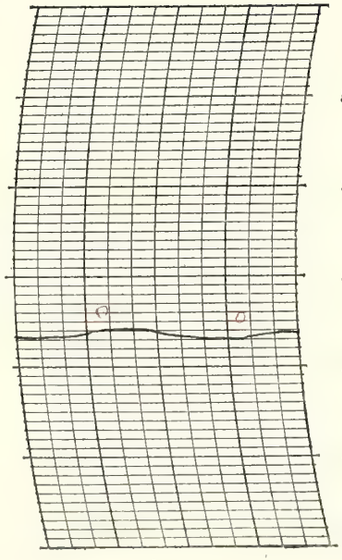


BAROGRAPH.



Prepared by E.E.P.

Verified by E.L.H.

8—486

NOTES

Heavy deposit of dew in the early morning.

There was some cloudiness during the middle of the day although it was mostly clear the greater part of the time. Cloudless into the night. Stars brilliant.

The day was quite pleasant altho the temperatures continued below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 22 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	59	58	58	58	61	66	71	74	74	76	77	79	78	78	77	75	72	70	68	67	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					.03 0	1.0 0	0.7 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.50 0					
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW
Wind movement	3	8	4	3	3	4	7	6	8	12	14	15	15	14	14	14	15	10	7	6	8	8	8	7

Cloudiness and other conditions: ← Lt Smoke → Clear →

Sunrise: Time, 4:58; Character, Clear. Moonrise: 12:08a Clear.

Sunset: Time, 6:30; Character, Clear. Moonset: 3:44p Clear.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.5 Possible sunshine, hours, 13.5

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 208

Average hourly velocity, 8.7 Extreme velocity, 21

Maximum velocity, 20 Direction, SW

Time began, 2:20 p.m.

Reduced barometer, 30.13 7 a. m. 30.05 7 p. m.

River gage, 0.8 ft.

Relative humidity, 71 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

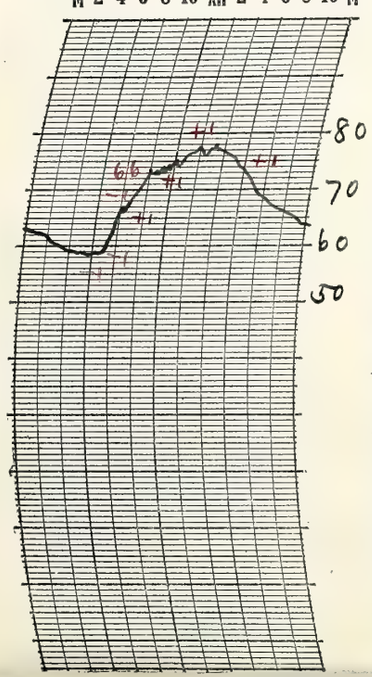
Dry temperature, 75.6 Wet temperature, 61.2

Dew-point, 52 R. humidity, 43 V. pressure, .387

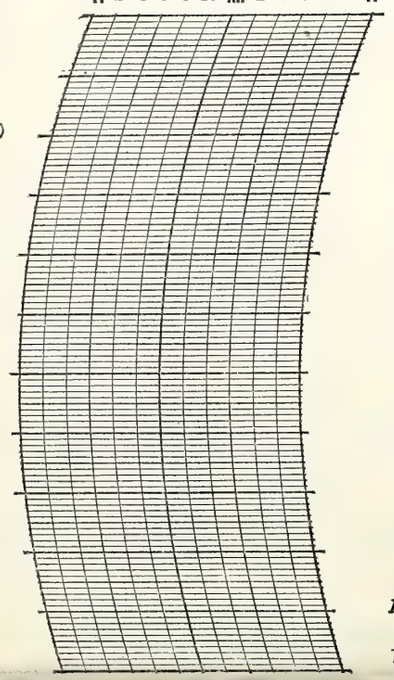
Clouds: Amount, 3; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

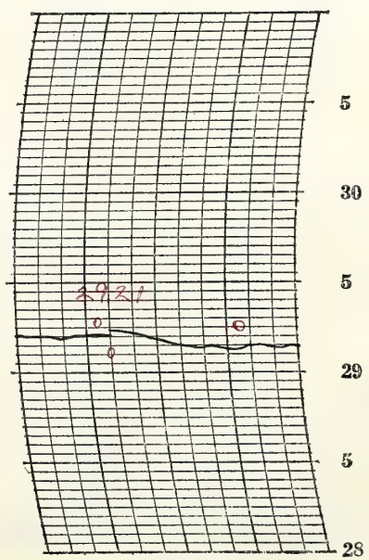
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by E.L.H.

NOTES

Light, local, smoke prevailed for a while in the morning. There was some cloudiness especially during the middle of the day but the sky was mostly clear the greater part of the time. Clear into the night. Stars bright.

The weather was fine altho the average temperature was below normal.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 23 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	64	63	63	63	64	64	63	64	66	67	62	60	58	57	56	56	56	56	56	55	54	53
State of weather. Nature of precipitation and time of beginning and ending					RB TE		RB 6:50	—	—	—	—	—	—	—	—	—	—	RE 5:45						
Amounts of precipitation					T		T	T	.14	.01	.01	.01	.03	.04	.12	.12	.10	.01						
Cloudiness and other conditions												Cloudy	Cloudy								Clear			

Sunrise: Time, 4:59 Character, Cloudy
Moonrise: 1:02a Cloudy ?
Sunset: Time, 6:28 Character, Cloudy
Moonset: 4:38p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0					
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	S	W	NW	N	N	N	N	N	N	N	N	NW	NW	N	N
Wind movement	9	9	9	7	6	6	7	8	6	4	5	8	10	10	10	10	8	9	6	4	3	3	4	5

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

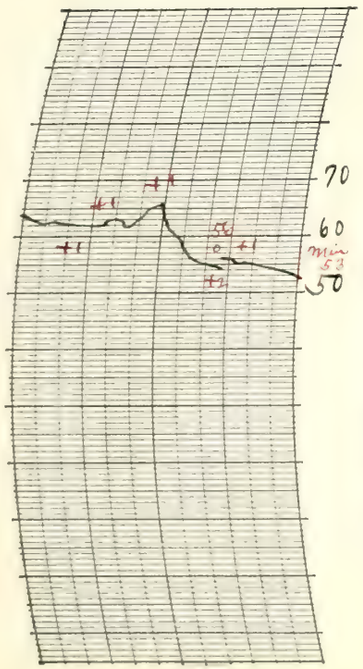
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	53	60	

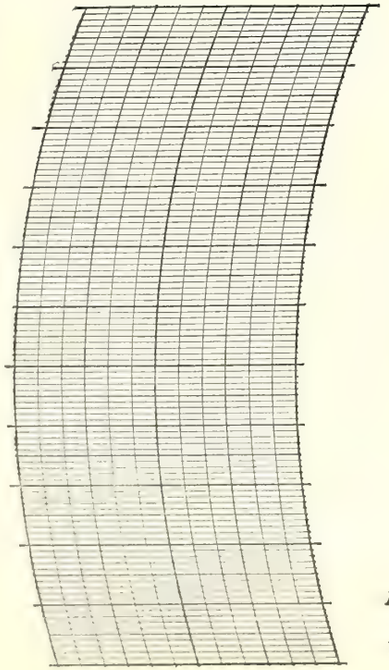
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .59 ins.
Total precipitation, midnight to midnight, .59 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 1
Prevailing wind direction, N Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 13*
Maximum velocity, 13* Direction, N
Time began, 12:58 p.m.
Reduced barometer, 30.06 7 a. m. 30.14 7 p. m.
River gage, 0.9 ft
Relative humidity, 80 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 66.7 Wet temperature, 65.1
Dew-point, 64 R. humidity, 92 V. pressure, .595
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour)

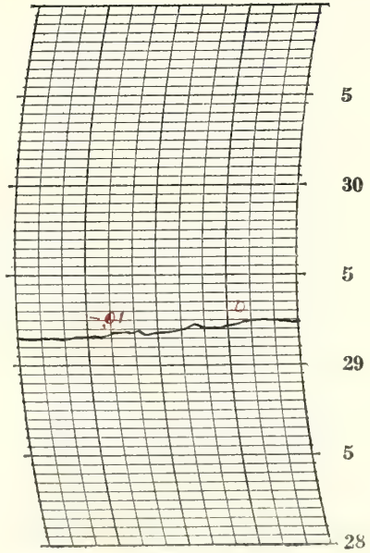
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.E.P.
Verified by E.L.H.

8—486

NOTES

Rain fell from early morning until late in the afternoon. At times the rainfall became moderately heavy. The sky cleared in a short while about 8:00 p.m. and remained cloudless into the night. Stars brilliant.

It was rather cool for the season.

* Installing storage batteries on triple reg'lator from 2:30 p.m. to about 4:00 p.m.; records by interpolation and eye observation.

* For 24 hours

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 24 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	50	48	47	46	50	55	59	61	63	64	66	68	68	69	69	68	66	62	59	57	56	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						1.00 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.7	.45 0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	N	N	NW	NW	NW	NW
Wind movement	5	5	5	5	4	4	5	5	5	6	6	6	8	6	7	7	7	5	3	2	7	4	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:00 Character, Clear
Moonrise: 2:00a Clear
Sunset: Time, 6:27 Character, Clear
Moonset: 5:24p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

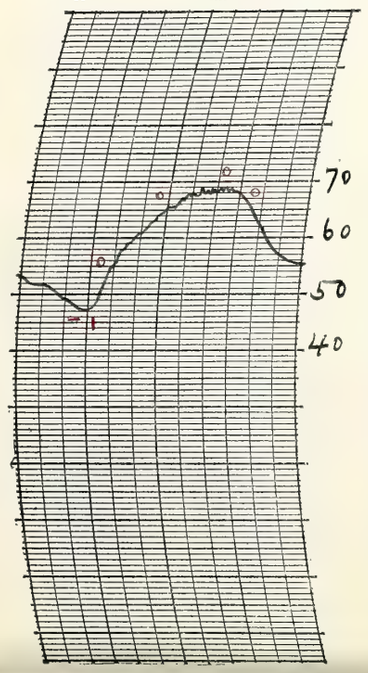
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	46	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 122
Average hourly velocity, 5.1 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 12:56 p.m.
Reduced barometer, 30.24 7 a. m. 30.18 7 p. m.
River gage, 1.2 fall
Relative humidity, 86 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.7 Wet temperature, 52.1
Dew-point, 42 R. humidity, 45 V. pressure, .266
Clouds: Amount, 1 ; Kind, Ci FCW ; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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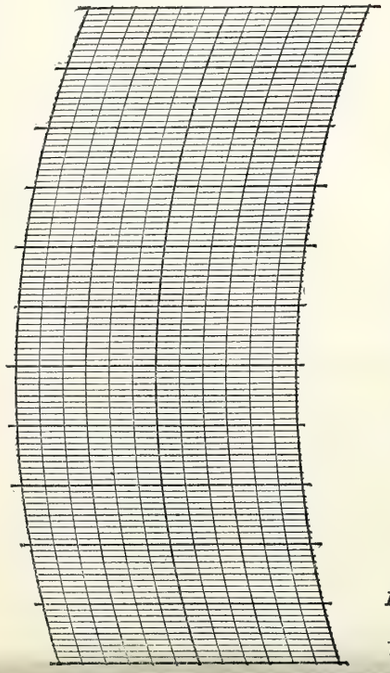
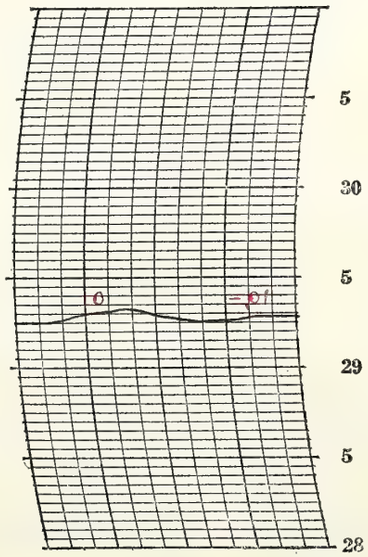


BAROGRAPH.



Prepared by O.E.S.

Verified by E.L.H.

8—486

NOTES

Heavy deposit of dew in the early morning.

The sky remained mostly clear all day and into the night. Stars brilliant.

The temperature rose rapidly from early morning but the average was considerably below normal. The weather was fine altho it was rather cool in the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 25 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	51	51	51	50	50	55	62	65	67	68	68	71	72	71	71	71	69	68	65	63	60	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						60 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0 1.0	0 1.0	0 1.0	0 1.0	0.5 0.5	0.2 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NE	0 NE	0 N	N	N	NE	NE	NE	0	NE	0	NE
Wind movement	1	2	3	3	2	2	2	2	5	7	8	9	9	0 8	0 8	0 7	7	5	2	1	0	1	0	2

Clear

Sunrise: Time, 5:00 Character, Clear

Moonrise: 3:02 a Clear

Sunset: Time, 6:26 Character, Cloudy

Moonset: 6:02 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	50	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 99

Prevailing wind direction, NW Total wind, 96

Average hourly velocity, 4.0 Extreme velocity, 15 #

Maximum velocity, 14 # Direction, N

Time began, 11:00 am

Reduced barometer, 30.27 7 a. m. 30.24 7 p. m.

River gage, 0.6 7 a. m.

Relative humidity, 70 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

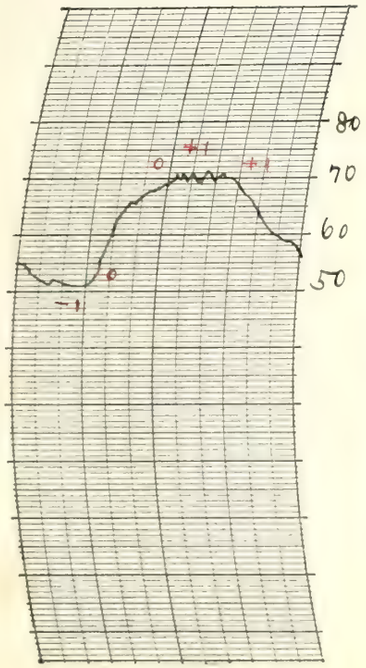
Dry temperature, 68.1 Wet temperature, 58.3

Dew-point, 40 zw R. humidity, 36 cu V. pressure, .247 w

Clouds: Amount, 1; Kind, St-cu; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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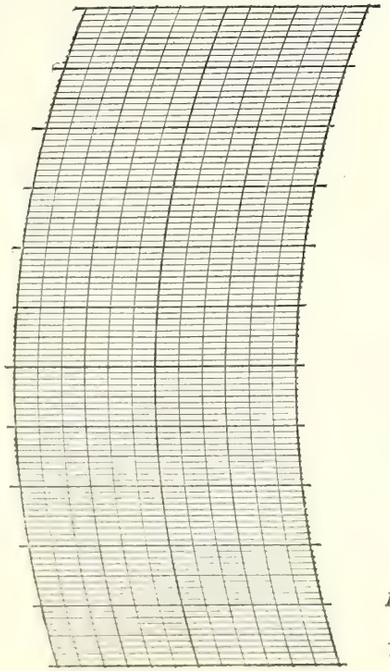
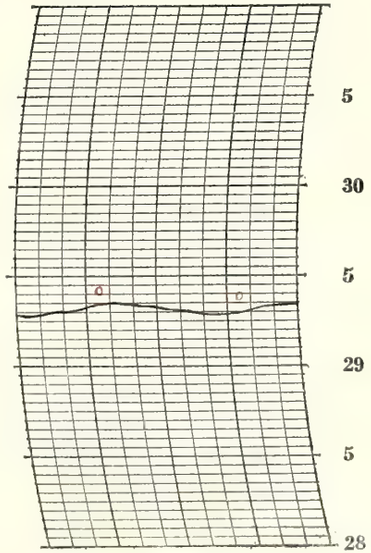


BAROGRAPH.



Prepared by OEP

Verified by E.L.H.

8—486

NOTES

Heavy deposit of dew in the early morning.

The sky continued mostly clear all day and into the night. Stars visible.

The weather was fine altho it was cool for the season.

° Working on storage battery; values by interpolation and observation.

For 23 hours.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	54	54	53	52	56	62	66	68	68	71	72	73	73	73	70	68	66	63	62	59	58	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Ø	Ø	Ø	Ø	Ø	Ø 0.97	Ø 1.0	1.0	1.0	Ø 1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.6	0.5 0	0.3 0					
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	Ø 2	Ø 2	Ø 3	Ø 3	Ø 4	Ø 4	Ø 5	6	7	9	12	11	11	12	12	12	13	10	8	7	6	6	6	5

Clear

Sunrise: Time, 5:07 Character, Clear

Moonrise: 4:05a Clear

Sunset: Time, 6:24 Character, Cloudy

Moonset: 6:35p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 12.2 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 91

Prevailing wind direction, NE Total wind, 176

Average hourly velocity, 7.3 Extreme velocity, 18 #

Maximum velocity, 18 # Direction, NE

Time began, 4:25 p.m.

Reduced barometer, 30.33 7 a. m. 30.26 7 p. m.

River gage, 0.8 ft.

Relative humidity, 74 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

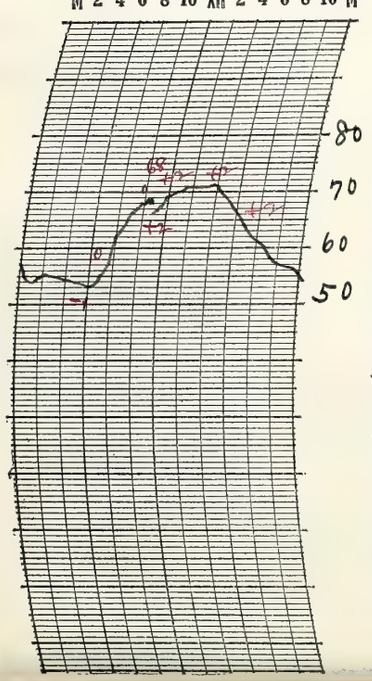
Dry temperature, 70.8 Wet temperature, 56.3

Dew-point, 45 R. humidity, 39 V. pressure, 29.8

Clouds: Amount, 2; Kind, St cu; Direction, N.W.

Velocity of clouds (miles per hour)

THERMOGRAPH



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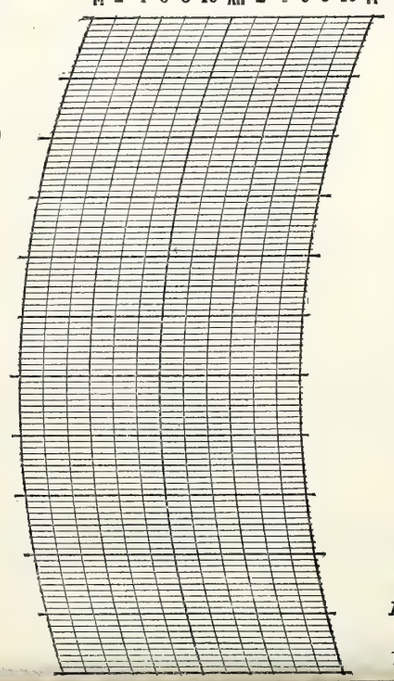
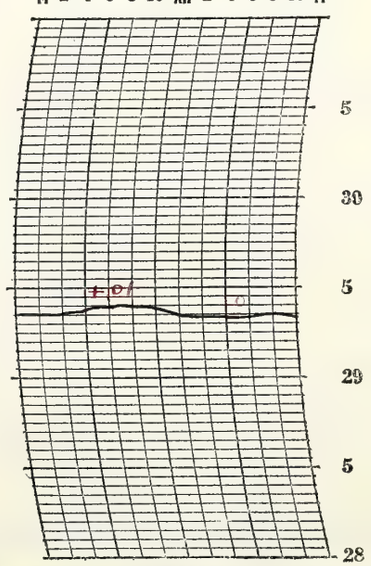


BAROGRAPH.



Prepared by O.W.R.

Verified by E.L.H.

8—486

NOTES

Ø Clock stopped; values by interpolation.

X By observation.

The sky was cloudless for a while in the early morning and remained mostly clear all day. Clear into the night. Stars visible.

The weather was fine but the temperature continued below normal.

For 18 hours

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 27 1927, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	53	53	55	57	63	65	68	69	69	71	72	74	72	72	70	69	65	62	61	60	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<				Clear			×	Pt Cloudy	×					Clear					>	
Sunrise: Time, Character, 5:03 Cloudy																								
Moonrise: 5:07a Cloudy																								
Sunset: Time, Character, 6:22 Cloudy																								
Moonset: 7:03p Cloudy																								
Sunshine (in tenths of hours)						0.8 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0 0	1.0	0.9	0.9	0.1	0.8	0	0					
Wind direction	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	E	E	E	E	E	E	E	E
Wind movement	7	7	7	7	7	6	7	9	11	11	12	10	9	7	6	5	4	6	6	4	6	6	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

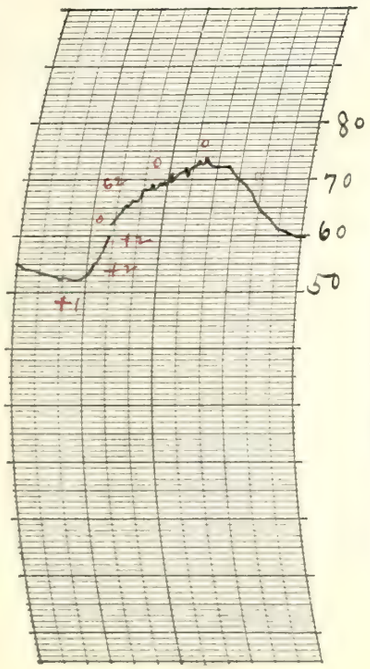
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	74	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New 12:46 am
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.5 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 79
Prevailing wind direction, NE Total wind, 170
Average hourly velocity, 7.1 Extreme velocity, 16
Maximum velocity, 15 Direction, NE
Time began, 12:15 p.m.
Reduced barometer, 30.267 a. m. 30.127 p. m.
River gage, 0.8 fall
Relative humidity, 82 7 a. m. 55 7 p. m.

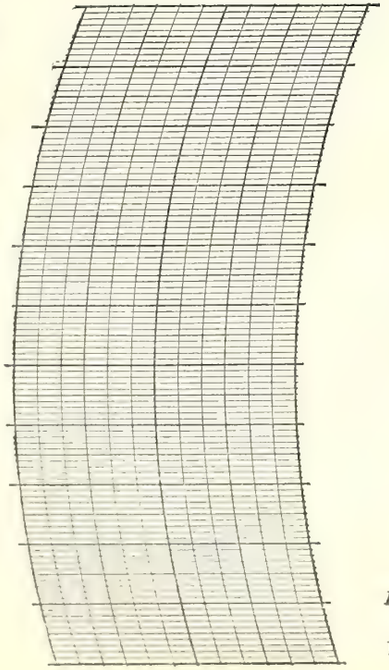
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.3 Wet temperature, 60.1
Dew-point, 54 R. humidity, 58 V. pressure, .417
Clouds: Amount, 4; Kind, cu; Direction, NE
Velocity of clouds (miles per hour)

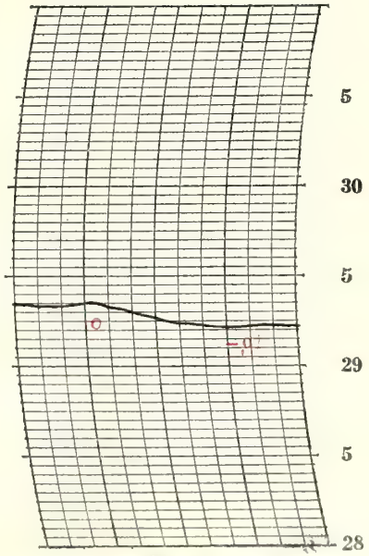
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.G.K.

Verified by E.L.H.

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NOTES

The sky was partly cloudy at times during the middle of the day; but at a whole the day was clear. Clear into the night. Stars bright.

The weather was fine but the temperature was still somewhat below the normal.

* By observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	59	58	57	57	58	65	69	70	72	75	73	75	75	73	73	72	70	67	65	64	63	62
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:05 RE 5:12						
Amounts of precipitation																		T						
Cloudiness and other conditions	← Pt cloudy						← Clear				← Pt cldy						← Cloudy							→

Sunrise: Time, 5:04 Character, Cloudy
Moonrise: 6:08a Cloudy

Sunset: Time, 6:21 Character, Cloudy
Moonset: 7:27p Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0	0.7	1.0	1.0	1.0	1.0	0.6	0.9	0.9	0.8	0.5	0	0					
Wind direction	E	E	E	E	NE	NE	E	E	E	N	N	E	SE	S	SW	E	E	E	E	SE	SE	SE	SE	S
Wind movement	4	3	1	2	3	3	3	1	2	2	2	4	3	4	3	5	4	3	4	6	7	6	4	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

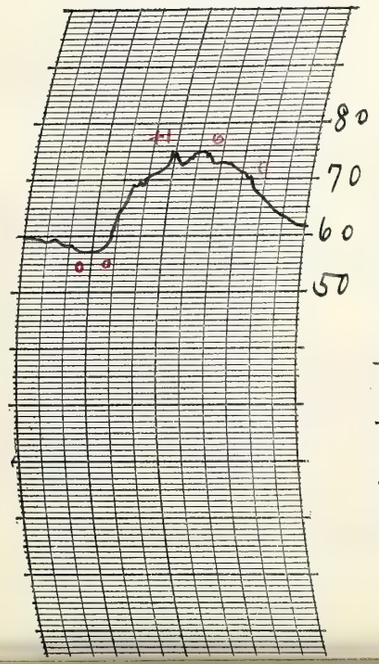
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 8.4 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 63
Prevailing wind direction, E Total wind, 84
Average hourly velocity, 3.5 Extreme velocity, 8
Maximum velocity, 8 Direction, SE
Time began, 8:25 p.m.
Reduced barometer, 30.16 7 a. m. 30.06 7 p. m.
River gage, 0.9 ft
Relative humidity, 84 7 a. m. 54 7 p. m.

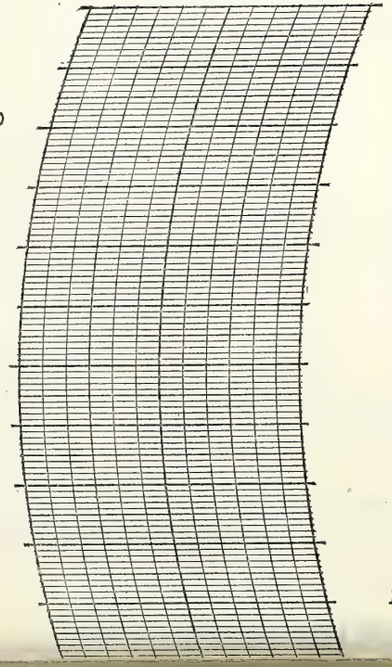
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.1 Wet temperature, 60.3
Dew-point, 50 R. humidity, 42 V. pressure, 360
Clouds: Amount, 3 ; Kind, Cu ; Direction, NW
Velocity of clouds (miles per hour)

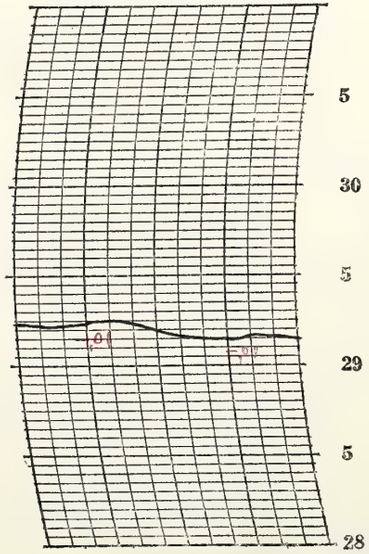
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. G. P.

Verified by E. L. H.

NOTES

The cloudiness varied considerably from time to time during the day. The sky was mostly clear for a while in the forenoon and mostly cloudy at times in the afternoon. A light sprinkle of rain occurred a while after 5:00 p.m. The sky continued mostly cloudy into the night, at the a few of the brighter stars were visible late at night.

The weather was fine but the temperature continued below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 29 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	58	57	58	57	56	59	64	68	67	67	67
Nature of precipitation and time of beginning and ending											RB 10:00 RE 10:05	
Amounts of precipitation											T	
Cloudiness and other conditions							Clear		Hazy		X	
Sunshine (in tenths of hours)						0	0.7	1.0	1.0	0.1	0	0
Wind direction	S	E	E	S	S	S	SW	SW	SW	W	W	W
Wind movement	2	1	1	2	3	5	6	5	5	5	6	4

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	73	70	68	67	66	65	64	64	63	62	62
Nature of precipitation and time of beginning and ending								RB 7:08 RE 7:30			RB 10:15	Conta
Amounts of precipitation								.08			.02	.11
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0.4	1.0	0.4	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	W	SW
Wind movement	5	7	9	8	6	7	8	6	8	5	5	5

Sunrise: Time, 5:04 Character, Cloudy
Moonrise: 7:09a Cloudy

Sunset: Time, 6:19 Character, Cloudy
Moonset: 7:50p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

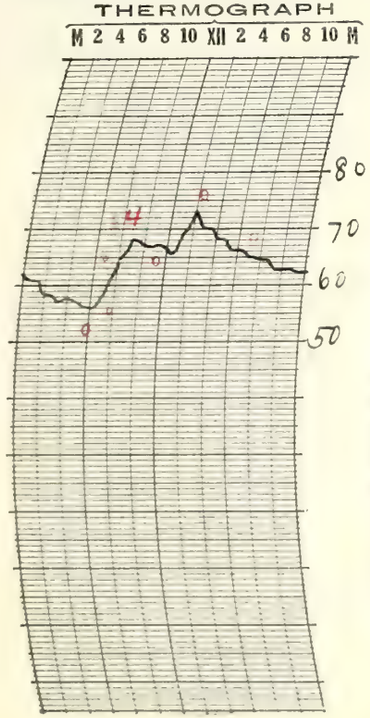
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.6 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 35
Prevailing wind direction, S-SW Total wind, 124
Average hourly velocity, 5.2 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 2:20 p.m.
Reduced barometer 30.04 7 a. m. 29.95 7 p. m.
River gage, 0.8 ft.
Relative humidity, 82 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.6 Wet temperature, 61.1
Dew-point, 58 R. humidity, 73 V. pressure, 482
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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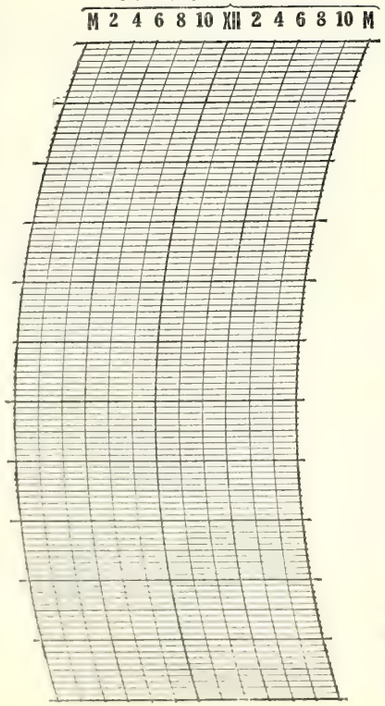
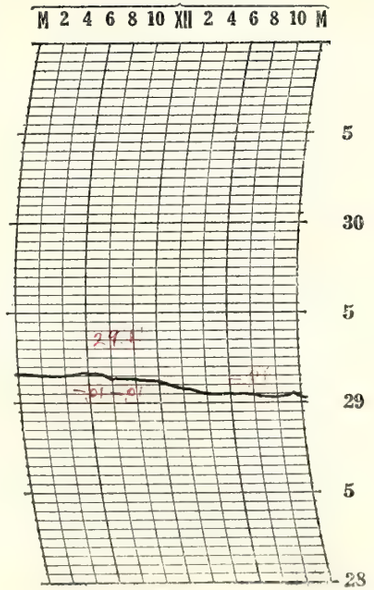


BAROGRAPH.



Prepared by OEP

Verified by E. L. Hardy

8—450

NOTES

Heavy deposit of dew in the early morning.
The sky was mostly clear for a while in the early morning but it soon became cloudy and the day as a whole was cloudy. A light, misty, rain occurred about 10:00 am and heavier showers occurred at night. A light thunderstorm began at 7:16 p.m. and ended about 7:30 p.m. Reflection from distant flashes of lightning observed late at night.
Temperatures below normal.
Solar halo, 22° radius, observed 7:50 am to about 8:00 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 30 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	61	61	60	60	62	64	67	69	73
State of weather. Nature of precipitation and time of beginning and ending						RE 5:15						
Amounts of precipitation	.07	.03	T	T	.01	T						
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0
Wind direction	SW	S	SW	SW	SW	SW	SW	W	NW	NW	NW	NW
Wind movement	8	9	8	6	1	4	5	7	6	6	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	77	79	78	77	76	74	70	69	69	66	65
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.8	1.0	0.7 0.3	2.8 0					
Wind direction	NW	N	N	NW	NW	N	N	N	E	SW	SW	SW
Wind movement	5	5	4	6	6	4	2	4	3	3	3	3

Sunrise: Time, 5:05 Character, Cloudy
Moonrise: 8:08a Cloudy
Sunset: Time, 6:17 Character, Clear
Moonset: 8:13p Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

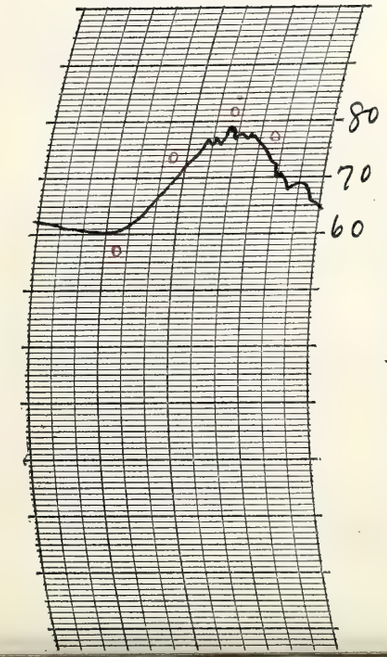
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .32 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.4 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 79
Prevailing wind direction, SW Total wind, 118
Average hourly velocity, 4.9 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 12:50 am
Reduced barometer, 29.97 7 a. m. 29.99 7 p. m.
River gage, 1.0 ft
Relative humidity, 99 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 73.1 Wet temperature, 64.8
Dew-point, 60 R. humidity, 64 V. pressure, .517
Clouds: Amount, 3; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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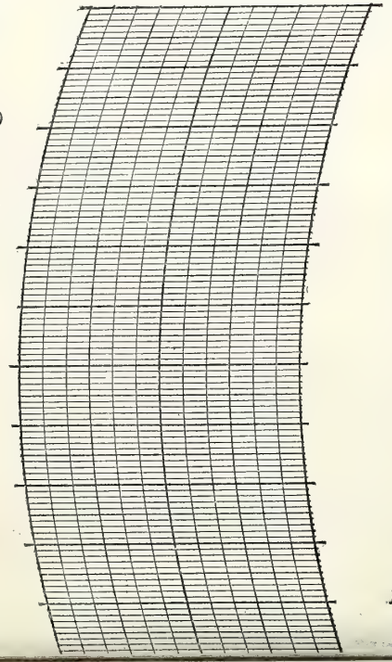
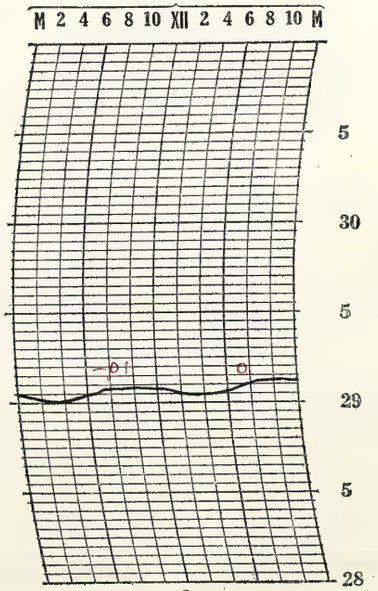


BAROGRAPH.



Prepared by O.E.R.

Verified by E. L. Harding

NOTES

Rain continued from the previous date and ended shortly after 5:00 am. Light fog began 5:30 am and ended 7:45 am. More or less cloudiness continued all day but after about 10:00 am the sky was mostly clear. Brighter stars visible at night.

The temperature averaged near the normal.

Form No. 1014—Met'l U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 31 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	60	58	58	62	66	70	74	77	78	79	80	81	79	78	75	73	70	68	66	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<						Clear												>	
Sunshine (in tenths of hours)						0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0					
Wind direction	NW	NW	NW	NW	N	NE	E	E	E	NE	E	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	2	2	2	3	3	5	4	5	7	6	5	6	5	5	4	5	7	6	6	6	5	4	4	2

Sunrise: Time, 5:07 Character, Cloudy
Moonrise: 9:07a Clear

Sunset: Time, 6:16 Character, Clear
Moonset: 8:37p Clear

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

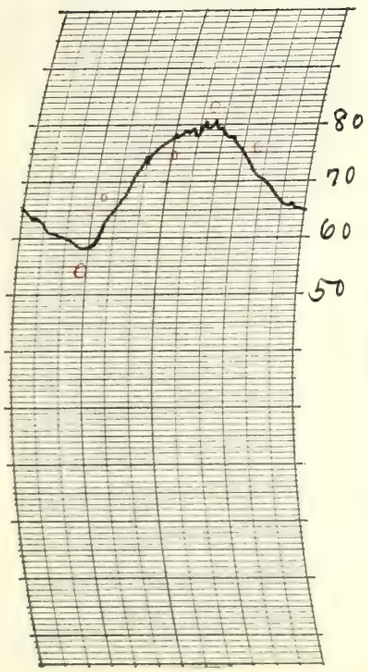
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.5 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 87
Prevailing wind direction, E Total wind, 109
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 8:05 am
Reduced barometer, 30.10 7 a. m. 30.05 7 p. m.
River gage, 1.0 ft
Relative humidity, 88 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 77.6 Wet temperature, 62.6
Dew-point, 53 R. humidity, 43 V. pressure, 402
Clouds: Amount, 1; Kind, CW; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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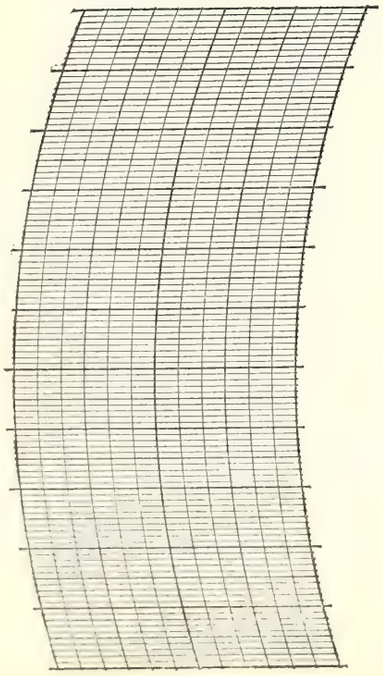

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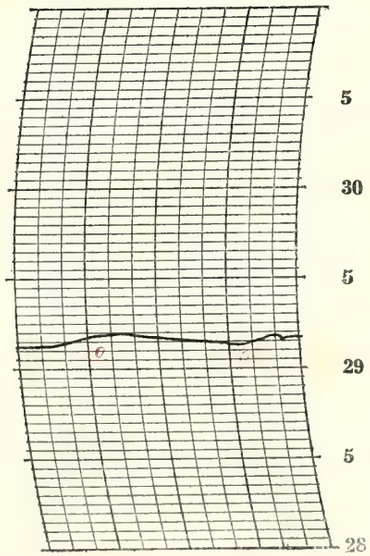


Prepared by OLP
Verified by E. L. Hardy

8—486

NOTES

Mostly clear all day and into the night. New moon visible in the evening. Stars bright.

The weather was fine with the temperature near normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 1 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	58	57	58	63	69	71	76	78	77	81	79	80	79	79	77	76	73	72	70	68	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Ptcldy	X					Clear					X	Ptcldy	X			Clear	
Sunshine (in tenths of hours)						0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	E	E	E	E	NE	NE	NE	SE	SE	SE	SE	E	NE	NE	E	E	SE	SE	SE	S	S	S	SE	S
Wind movement	3	4	2	2	2	2	2	3	6	7	6	6	5	5	4	5	4	5	4	5	6	4	2	7

Sunrise: Time, 5:08 Character, Cloudy
Moonrise: 10:06a Clear
Sunset: Time, 6:14 Character, Cloudy
Moonset: 9:01p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

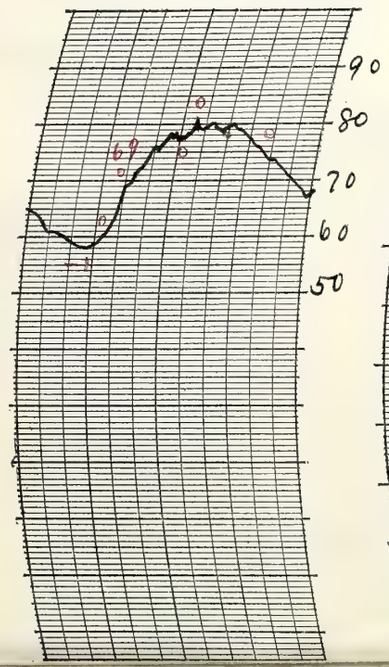
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	57	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.2 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 85
Prevailing wind direction, SE Total wind, 101
Average hourly velocity, 4.2 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 11:40 am
Reduced barometer, 30.12 7 a. m. 30.02 7 p. m.
River gage, 0.9 ft.
Relative humidity, 77 7 a. m. 47 7 p. m.

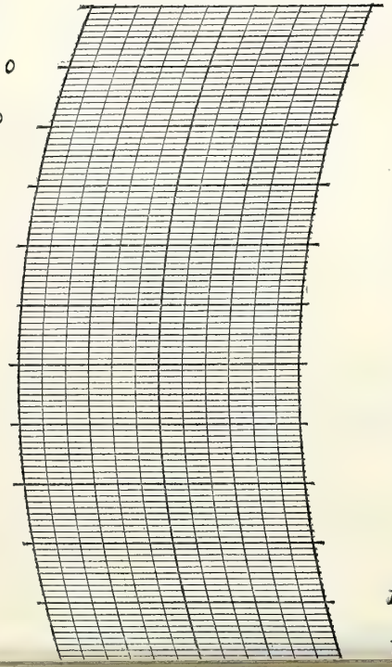
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77.1 Wet temperature, 60.3
Dew-point, 48 R. humidity, 36 V. pressure, .334
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

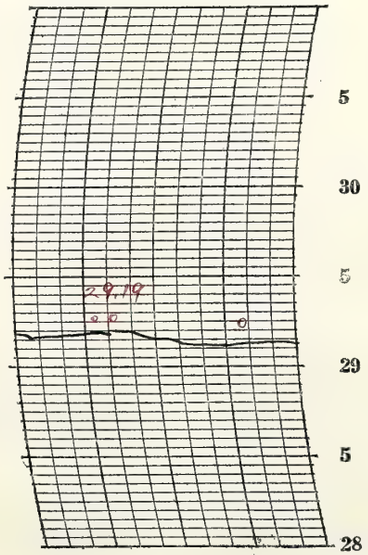
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.A.P.

Verified by E.L.H.

NOTES

It was partly cloudy in the morning and in the evening and mostly clear through the middle of the day. Mostly clear into the night. Moon visible. Stars bright.

The weather was fine with temperatures averaging near the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 2 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	65	64	63	61	61	64	70	73	78	80	80	81	82	83	82	82	80	78	76	74	72	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						8.5 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 0.20					
Wind direction	SE	SE	S	S	S	S	S	S	S	S	S	S	S	Ø S	Ø S	Ø S	Ø SW	S	S	S	S	SE	SE	S
Wind movement	8	8	7	7	9	5	2	3	4	7	8	8	8	Ø 7	Ø 8	Ø 8	Ø 7	Ø 5	3	3	3	3	4	5

Sunrise: Time, 5:09 Character, Clear

Moonrise: 11:05a Cloudy

Sunset: Time, 6:12 Character, Clear

Moonset: 9:29p Clear

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 100

Prevailing wind direction, S Total wind, 140

Average hourly velocity, 5.8 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 12:46 p.m.

Reduced barometer, 30.067 a. m. 29.99 7 p. m.

River gage, 0.8 ft

Relative humidity, 66 7a. m. 42 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

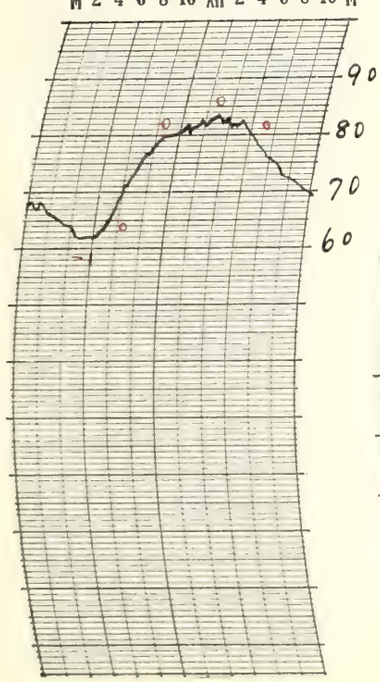
Dry temperature, 80.5 Wet temperature, 62.2

Dew-point, 50 R. humidity, 35 V. pressure, 360

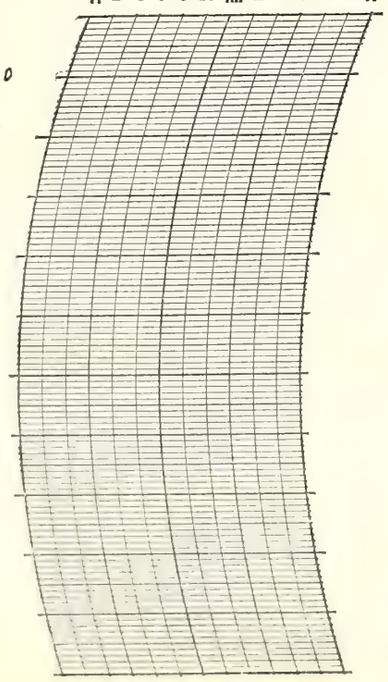
Clouds: Amount, 2 Few; Kind, Cu Ci; Direction, W

Velocity of clouds (miles per hour)

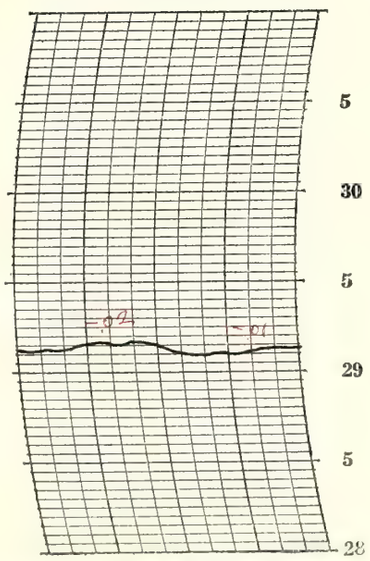
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.E.P.

Verified by E.L.H.

8—486

NOTES

There were some clouds at times but the sky was mostly clear all day and into the night. Moon visible. Stars bright.

The weather was fine although it seemed warm in the afternoon. The temperature averaged slightly above the normal.

Repairing cables; values by interpolation and observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 3 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	65	64	64	66	71	76	81	84	85	88	87	86	85	85	83	78	74	71	68	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear					×	Partly	×			Clear					→	
Sunshine (in tenths of hours)						.83 0	.05 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.04 0.6	.18 0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	W	SW	W	W	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	6	5	6	7	8	6	6	9	11	10	10	12	10	14	14	13	10	8	8	9	8	8	7	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:10 Character, Clear
Moonrise: 12:07 p Clear
Sunset: Time, 6:11 Character, Clear
Moonset: 10:01 p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

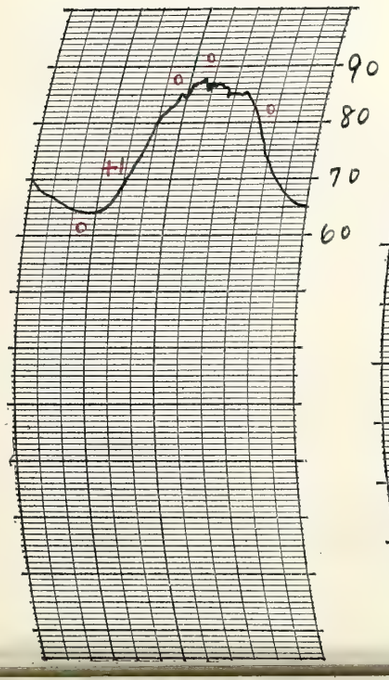
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 100
Prevailing wind direction S-NW Total wind, 214
Average hourly velocity, 8.9 Extreme velocity, 20
Maximum velocity, 17 Direction, W
Time began, 1:25 p.m.
Reduced barometer, 30.05 7 a. m. 30.10 7 p. m.
River gage, 0.8 feet
Relative humidity, 73 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 84.8 Wet temperature, 70.5
Dew-point, 63 R. humidity 50 V. pressure, .575
Clouds: Amount, 1; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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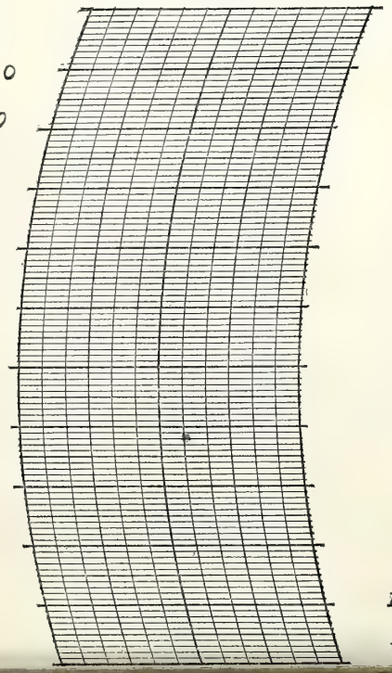
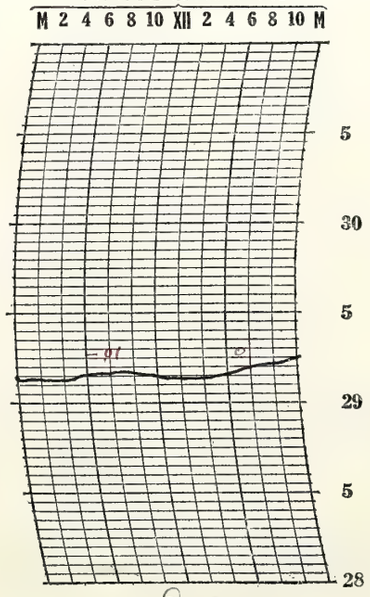


BAROGRAPH.



Prepared by O.E.P.

Verified by E.L.H.

NOTES

The sky was mostly clear the greater part of the day altho there were heavy cumulus clouds about 2:00 p.m. Clear into the night. Moon visible in evening. Stars brilliant.

The temperature rose rapidly from early morning and it became rather warm in the afternoon. The average temperature was somewhat above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	63	61	60	60	60	63	64	68	71	74	77	78	80	81	80	80	76	72	68	66	64	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						.82 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.04 0.6	.15 0					
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	10	9	10	8	9	11	10	14	15	12	9	8	10	10	10	9	9	9	8	7	5	7	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Sunrise: Time, 5:11 Character, Clear
Moonrise: 1:08p Clear
Sunset: Time, 6:09 Character, Clear
Moonset: 10:39p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

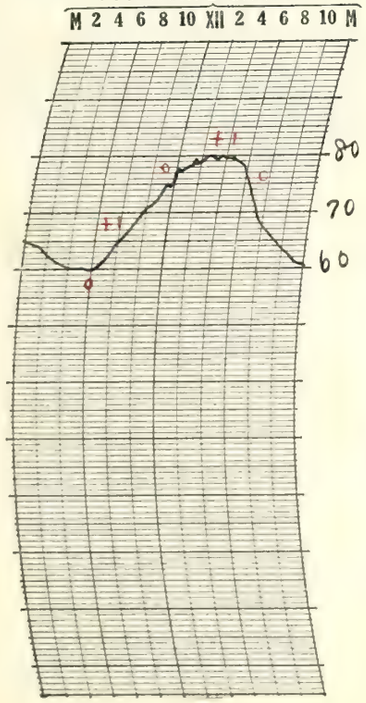
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter 4:44 am.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 220
Average hourly velocity, 9.2 Extreme velocity, 18
Maximum velocity, 17 Direction, NE
Time began, 7:30 a.m.
Reduced barometer, 30.28 7 a. m. 30.24 7 p. m.
River gage, 0.9 ft
Relative humidity, 79 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 63.2
Dew-point, 54 R. humidity, 46 V. pressure, 417
Clouds: Amount, 1; Kind, a St.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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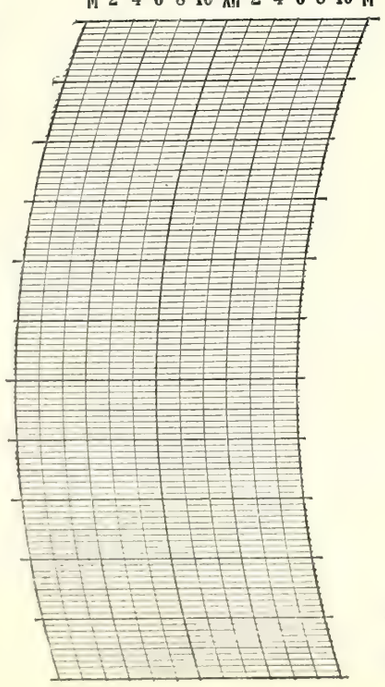
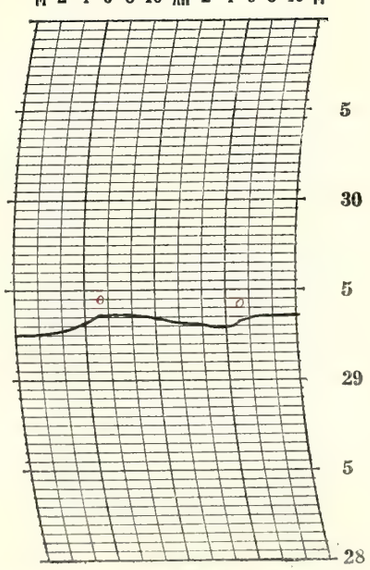


BAROGRAPH.



Prepared by EAR

Verified by EFE

8—486

NOTES

The sky was clear all day and into the night. Dim moonlight in the evening. Stars bright.

The weather was fine with the temperature averaging about normal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 5 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	56	55	54	54	55	61	68	72	75	78	79	81	82	82	81	78	75	70	66	64	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Hot							Clear											→
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 (0.4)	0 (.3)					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E	NE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	4	6	7	6	5	6	8	7	8	9	8	7	7	7	7	6	6	4	5	6	8	5	6	4

Sunrise: Time, 5:11 Character, Cloudy
Moonrise: 2:09p Clear
Sunset: Time, 6:08 Character, Clear
Moonset: 11:26p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

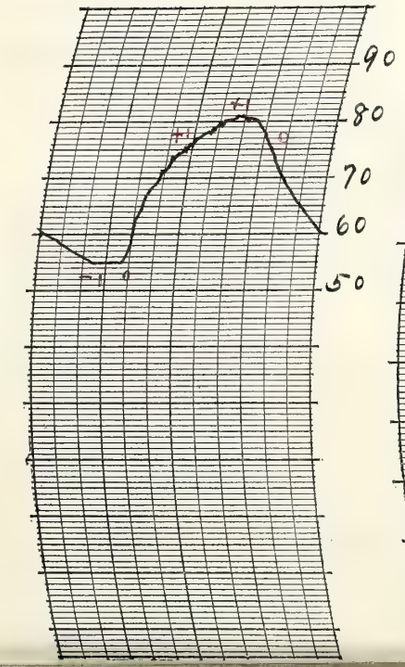
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	54	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.3 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 87
Prevailing wind direction, E Total wind, 152
Average hourly velocity, 6.3 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 9:00 am
Reduced barometer, 30.31 7 a. m. 30.18 7 p. m.
River gage, 0.8 feet.
Relative humidity, 94 7 a. m. 32 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 77.8 Wet temperature, 58.7
Dew-point, 44 R. humidity, 30 V. pressure, 28.7
Clouds: Amount, Few; Kind, Ci; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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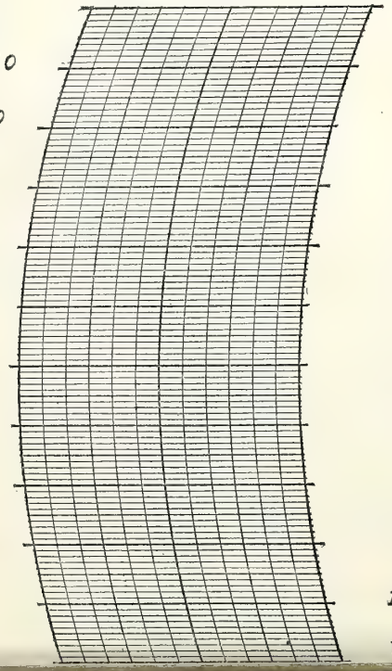
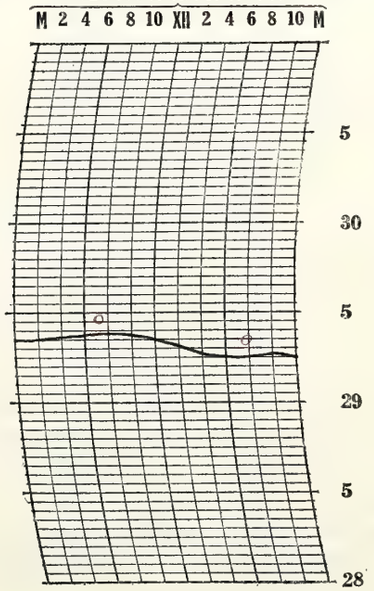


BAROGRAPH.



Prepared by O.G.R.

Verified by E.L.H.

NOTES

Heavy deposit of dew in the early morning. Light fog began 5:30 am and ended 6:30 am. The fog clouds came in rapidly from the east and disappeared rapidly. There was only a small amount of thin upper clouds during the day. Clear into the night with dim moonlight.

The weather was ideal. The temperature averaged near the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 6 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	55	54	59	65	72	79	83	84	86	87	88	87	87	84	81	79	77	76	75	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)						.80 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	NE	NE	NE	E	E	NE	E	E	E	SE	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	4	4	5	4	4	5	2	3	2	3	6	5	6	5	6	6	5	5	5	6	6	4	5	6

Sunrise: Time, 5:12 Character, Clear

Moonrise: 3:06 p Clear

Sunset: Time, 6:06 Character, Cloudy

Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	54	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 11.9 Possible sunshine, hours, 12.9

Per cent of possible sunshine, 92

Prevailing wind direction, SE Total wind, 112

Average hourly velocity, 4.7 Extreme velocity, 8

Maximum velocity, 8 Direction, SE

Time began, 3:15 p.m.

Reduced barometer, 30.15 7 a. m. 30.01 7 p. m.

River gage, 0.7 ft

Relative humidity, 81 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

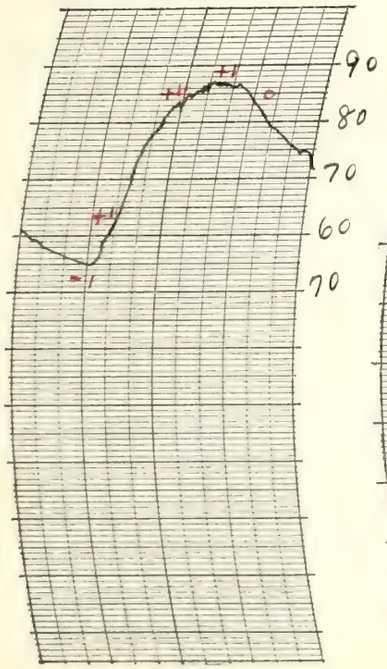
Dry temperature, 84.3 Wet temperature, 64.1

Dew-point, 51 R. humidity, 32 V. pressure, 373

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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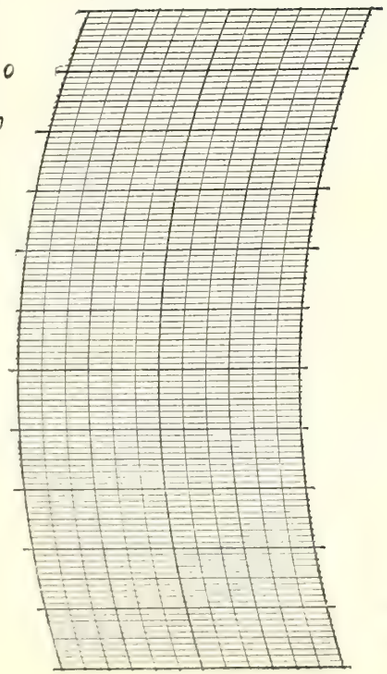
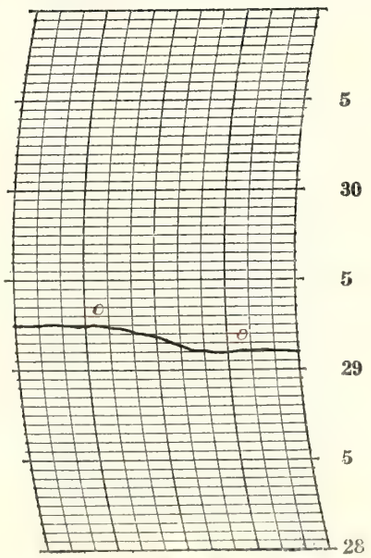


BAROGRAPH.



Prepared by CEP

Verified by E. L. H.

8—486

NOTES

Heavy deposit of dew in the early morning.

A small amount of clouds appeared from time to time. Clear into the night. Dim moonlight. Stars bright.

The temperature rose very rapidly from early morning and it became quite warm in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 7 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	70	69	69	69	71	76	70	71	73	77
State of weather: Nature of precipitation and time of beginning and ending									RG 8:18		RE 10:30	
Amounts of precipitation									.08	.02	T	
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						0	0	0.7	0.1	0	0.8	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	7	6	8	7	7	8	9	10	10	10	9	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	79	80	80	79	79	76	75	73	71	70	69
State of weather: Nature of precipitation and time of beginning and ending	RG 12:45	RE 1:05										
Amounts of precipitation	T	T										
Cloudiness and other conditions	X	Pt Cldy	X				Cloudy	X			Pt Cldy	
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0	0	0					
Wind direction	SW	SW	SW	S	SW	S	S	S	SW	SW	W	S
Wind movement	10	9	10	10	6	6	6	9	8	4	4	4

Sunrise: Time, 5:13 Character, Cloudy
Moonrise: 4:00p Cloudy
Sunset: Time, 6:04 Character, Cloudy
Moonset: 12:20a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

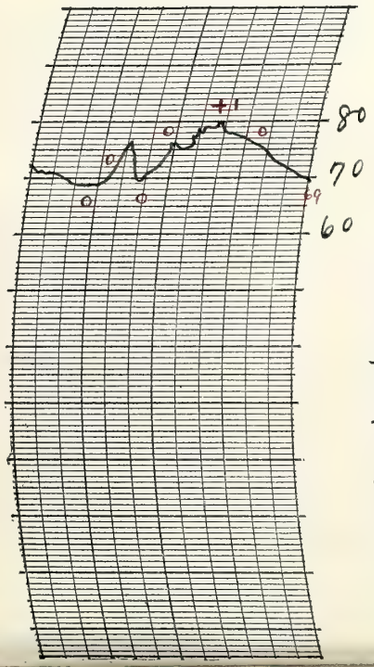
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	69	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.4 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 50
Prevailing wind direction, S Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 19
Maximum velocity, 16 Direction, SW
Time began, 8:10 am
Reduced barometer, 30.01 7 a. m. 29.98 7 p. m.
River gage, 0.6 ft.
Relative humidity, 58 7 a. m. 79 7 p. m.

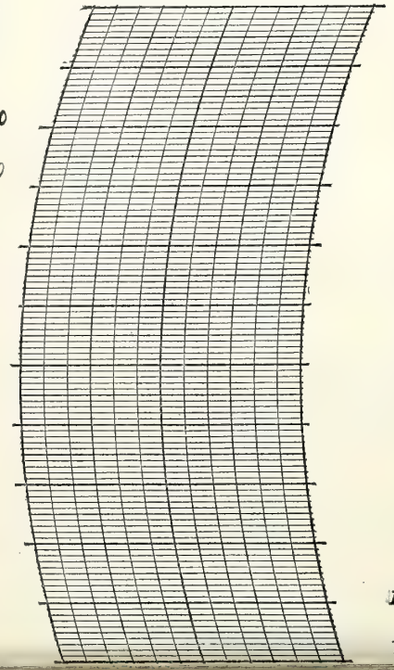
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 76.6 Wet temperature, 70.5
Dew-point, 68 R. humidity, 74 V. pressure, .684
Clouds: Amount, 5 ; Kind, Cu ; Direction, SW
Velocity of clouds (miles per hour)

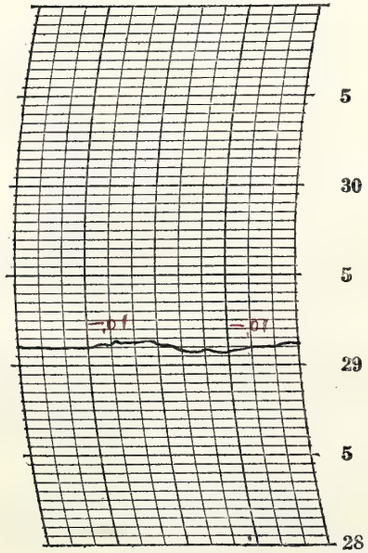
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.J.P.

Verified by E.L.H.

NOTES

The sky was mostly overcast the greater part of the day. Light showers occured during the forenoon and shortly afterhoon. Some sunshine was recorded through the clouds. It was partly cloudy late at night with dim moonlight at intervals.

Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 8 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	66	66	66	68	73	75	79	82	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				<		Pt Cldy		×		Clear		
Sunshine (in tenths of hours)						0	0.7	0.8	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	SE	S	S	SW	SE	S	SW
Wind movement	3	4	2	3	2	2	3	4	2	5	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	82	80	79	79	79	77	76	75	72	71	71
State of weather: Nature of precipitation and time of beginning and ending			RB 2:40 RE 3:00									
Amounts of precipitation			T									
Cloudiness and other conditions		×	Pt Cldy	×	Clear	×		Pt Cldy				>
Sunshine (in tenths of hours)	1.0	1.0	0.5	0.9	1.0	0.2	0					
Wind direction	SW	SW	W	W	NE	NE	NE	E	E	E	E	E
Wind movement	8	8	7	6	5	3	3	1	2	4	4	5

Sunrise: Time, 5:14 Character, Cloudy
Moonrise: 4:47p Cloudy
Sunset: Time, 6:03 Character, Cloudy
Moonset: 1:23a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

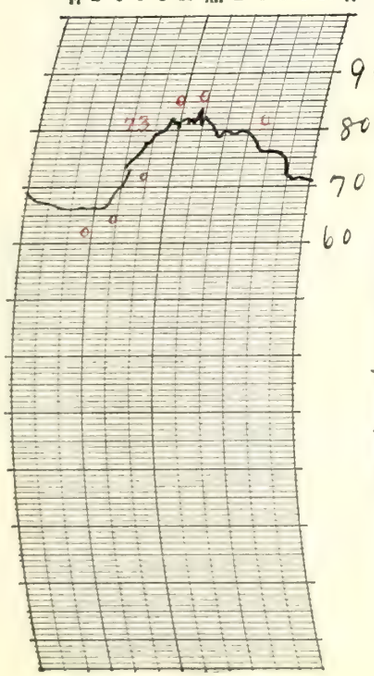
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	66	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.1 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 79
Prevailing wind direction, S Total wind, 101
Average hourly velocity, 4.2 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 1:30 p.m.
Reduced barometer, 30.10 7 a. m. 30.05 7 p. m.
River gage, 0.9 ft
Relative humidity, 86 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.4 Wet temperature, 72.2
Dew-point, 69 R. humidity, 67 V. pressure, 707
Clouds: Amount, 3; Kind, cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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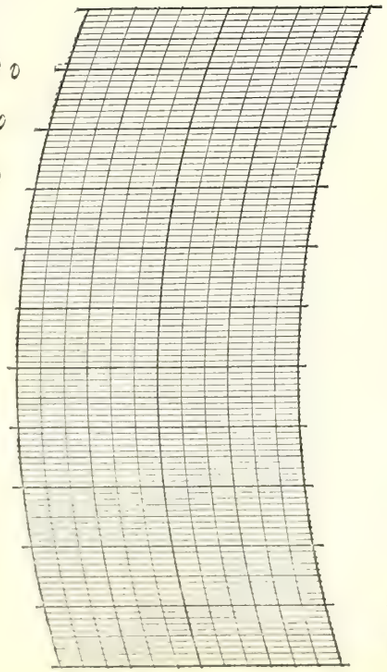
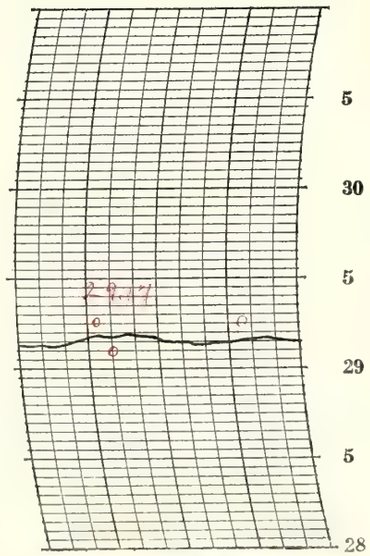


BAROGRAPH.



Prepared by OEP
Verified by E.H.

8—486

NOTES

The amount of clouds varied considerably from time to time. A light thunderstorm began 2:26 p.m and ended about 3:00 p.m. It was accompanied by very light sprinkle. The thunderstorm appeared to gain in intensity as it moved slowly from the north-northwest. Partly cloudy into the night. Dim moonlight at intervals.

Moderate temperatures. The high humidity made the weather rather sultry.

Lunar corona observed 8:30 p.m. and after.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 9 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	67	67	66	67	68	71	76	79	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy			Clear			Pt Cldy
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	NE	E	NE	NE	NE	E	E	NE	NE	N	NW	N
Wind movement	4	5	2	3	4	5	1	3	2	2	4	3

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	84	83	80	79	76	75	74	73	72	71	71
State of weather: Nature of precipitation and time of beginning and ending		RB 1:25 RE 1:30			RB 4:12	RE 5:15						
Amounts of precipitation		T			.01	.01						
Cloudiness and other conditions					Cloudy			Pt Cldy			Clear?	
Sunshine (in tenths of hours)	1.0	0.8	0.6	0	0	0	0					
Wind direction	NW	N	E	E	W	SE	SW	SW	SW	SW	SW	SW
Wind movement	4	4	4	4	3	3	3	2	5	3	5	3

Sunrise: Time, 5:15 Character, Cloudy
Moonrise: 5:27p Cloudy
Sunset: Time, 6:01 Character, Cloudy
Moonset: 2:34a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.2 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 56
Prevailing wind direction, NE-SW Total wind, 81
Average hourly velocity, 3.4 Extreme velocity, 7
Maximum velocity, 7 Direction, NE
Time began, 4:56 am
Reduced barometer, 30.07 7 a. m. 29.99 7 p. m.
River gage, 0.9 ft
Relative humidity, 94 7 a. m. 85 7 p. m.

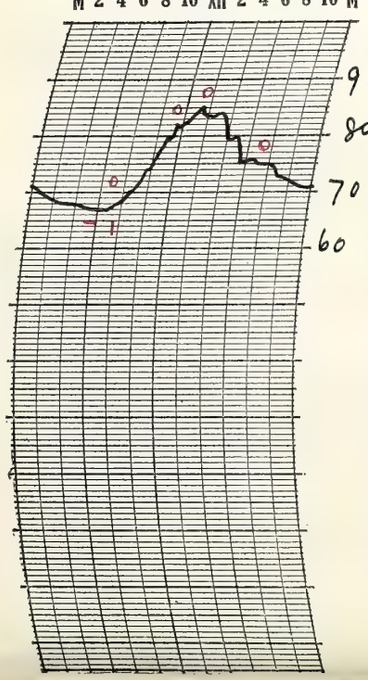
Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 71.3
Dew-point, 66 R. humidity, 58 V. pressure, .638
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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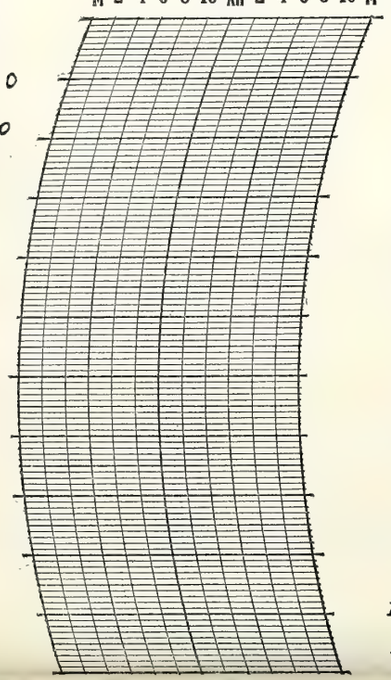
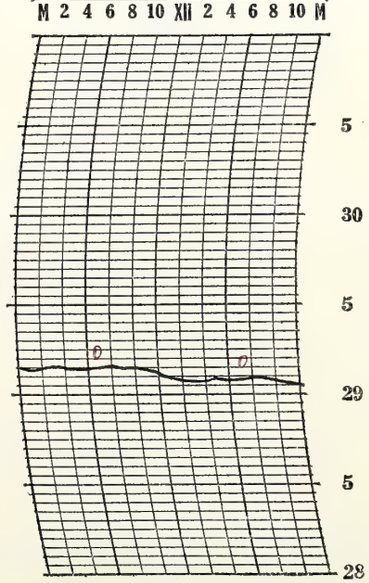


BAROGRAPH.



Prepared by OLP

Verified by E. L. H.

NOTES

Heavy deposit of moisture in the early morning. A light fog began in the early morning (before 5:00 am) and ended about 8:30 am. The amount of clouds varied considerably from time to time and the day as a whole was partly cloudy. Light showers occurred in the afternoon. It was clear late at night with moonlight.

Moderate temperatures. Rather sultry.

* By observation

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 10 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	68	69	69	70	70	70	71	78
State of weather: Nature of precipitation and time of beginning and ending						RB 5:00	- - -	- - -	- - -	RE 9:50		
Amounts of precipitation				3		T	.04	.12	.49	.12		
Cloudiness and other conditions	?	Clear!		X				Cloudy				

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	84	83	81	78	76	74	73	72	71	69
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cloudy						X		Clear	

Sunrise: Time, 5:16 Character, Cloudy
Moonrise: 6:03p Clear
Sunset: Time, 5:59 Character, Cloudy
Moonset: 3:49a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0.1	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW
Wind movement	2	4	4	4	5	5	4	5	5	13	14	18

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.8	0.6	0						
Wind direction	SW	SW	W	W	N	N	N	N	N	N	N	N
Wind movement	15	10	8	10	9	7	6	4	4	5	5	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

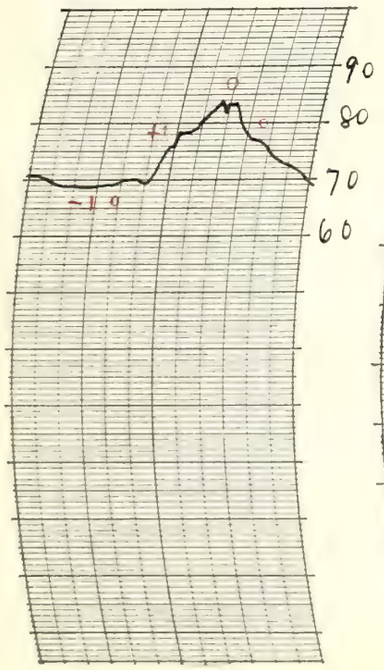
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .75 ins.
Total precipitation, midnight to midnight, .77 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.4 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 50
Prevailing wind direction, SW Total wind, 172
Average hourly velocity, 7.2 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 11:20 a.m.
Reduced barometer, 29.955 a. m. 29.74 7 p. m.
River gage, 1.0 ft.
Relative humidity, 97 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.6 Wet temperature, 72.3
Dew-point, 70 R. humidity, 78 V. pressure, 732
Clouds: Amount, 4 (St cu); Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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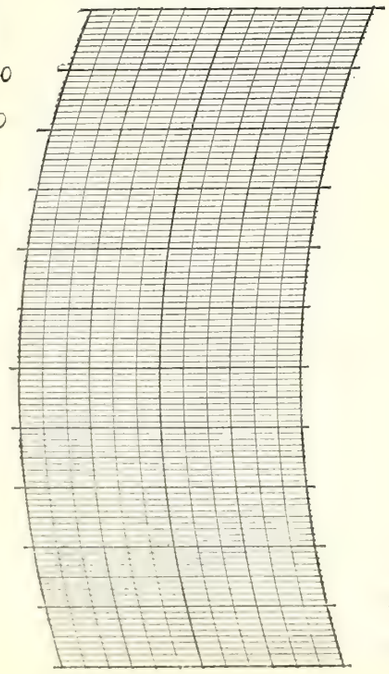
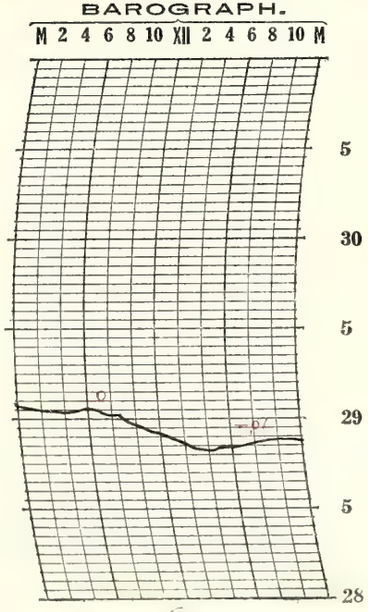


BAROGRAPH.



Prepared by OLP.

Verified by E. L.

8—486

NOTES

The sky was reported clear early in the am. but before sunrise it became overcast. A moderately heavy rainfall occurred in the forenoon with a thunderstorm from 7:00 am to 9:50 am. In the afternoon from 2:20 p.m. to 3:35 p.m. thunder was heard but there was no rain at the station. Huge cumulus clouds gathered in the south and east. Reflections from distant lightning observed in south 7:00 p.m. to 7:30 p.m. The sky was mostly clear late at night with moonlight. Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	64	63	62	65	69	71	74	76	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear			Cloudy		Clear	
Sunshine (in tenths of hours)						.62 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	N	N	N	N	N	N	N	N	N	NW	NW
Wind movement	5	6	5	5	4	4	5	7	5	7	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	82	81	82	79	77	76	73	72	70	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy		Clear		Cloudy				Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	4.5 0.5						
Wind direction	NW	NW	NW	NW	NW	NE	NE	NE	N	N	E	SE
Wind movement	9	9	8	9	5	4	2	2	3	4	5	5

Sunrise: Time, 5:17 Character, Clear
Moonrise: 6:35 p Cloudy
Sunset: Time, 5:57 Character, Clear
Moonset: 5:05 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

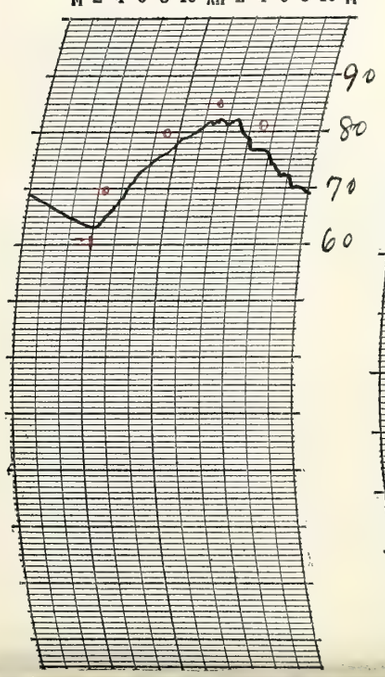
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full 6:54 am
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.7 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 136
Average hourly velocity 5.7 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 10:32 am
Reduced barometer, 29.83 7 a. m. 29.82 7 p. m.
River gage, 1.2 ft
Relative humidity, 87 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.5 Wet temperature, 67.5
Dew-point, 62 R. humidity, 60 V. pressure, 555
Clouds: Amount, 5; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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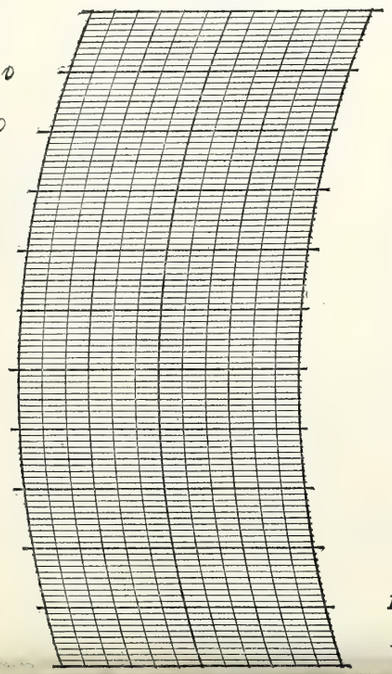
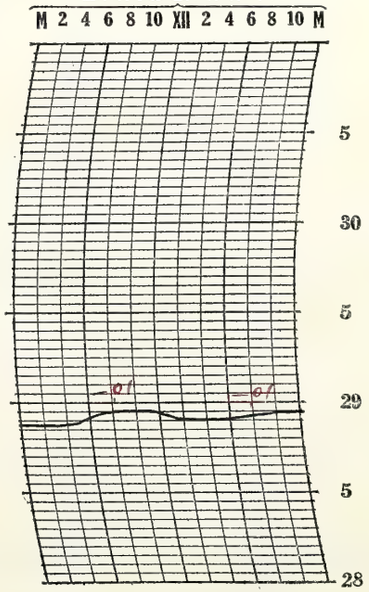


BAROGRAPH.



Prepared by O.E.R.

Verified by E.L.H

8—486

NOTES

Heavy dew deposit in the early morning.

Amount of cloudiness varied somewhat from time to time but the day as a whole was clear. Some cloudiness continued into the night. Moonlight at intervals from the full moon.

The weather was fine with the average temperature above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 12 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	65	64	64	66	70	75	80	81	82	85	86	86	86	85	82	79	77	77	76	75	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								

Clear — Pt Cloudy

Sunrise: Time, 5:19 Character, Clear

Moonrise: 7:05p Cloudy

Sunset: Time, 5:56 Character, Clear

Moonset: 6:22 Clear

	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	.68 0	.02 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	.63 0.3						
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SW	SW
Wind movement	3	4	5	5	6	7	8	8	7	11	9	10	7	9	10	11	10	11	13

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	64	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 99

Prevailing wind direction, S Total wind, 172

Average hourly velocity, 7.2 Extreme velocity, 15

Maximum velocity, 14 Direction, SW

Time began, 11:27 p.m.

Reduced barometer, 29.89 7 a. m. 29.82 7 p. m.

River gage, 1.0

Relative humidity, 89 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

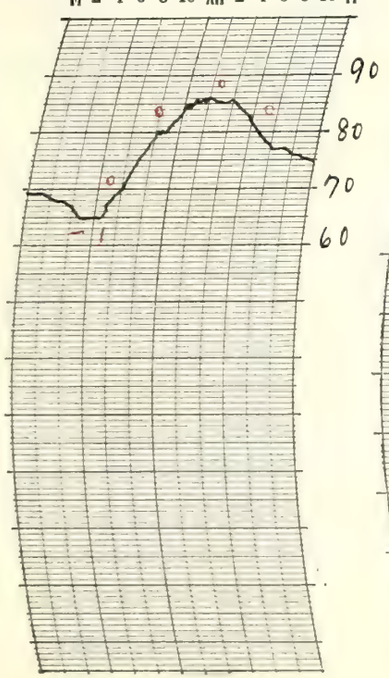
Dry temperature, 82.2 Wet temperature, 69.9

Dew-point, 64 R. humidity, 54 V. pressure, .595

Clouds: Amount, 3; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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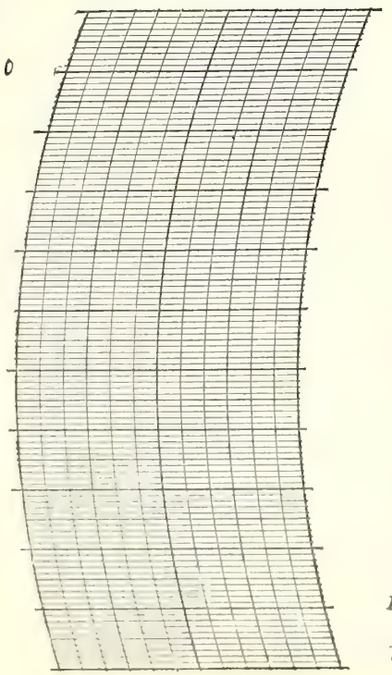
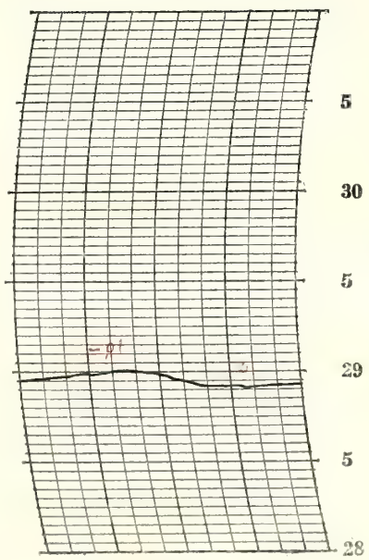


BAROGRAPH.



Prepared by O.G.P.

Verified by E.L.H.

8—486

NOTES

The sky was cloudless for a while in the forenoon. There was some cloudiness later in the day but the day as a whole was clear. Partly cloudy late at night with moonlight at intervals.

The weather was pleasant altho it became rather warm in the afternoon.

Solar halo, 22° radius, observed 2:30 p.m. to about 3:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	73	72	72	70	71	77	81	84	86	88	90	91	91	91	90	87	85	83	81	80	78	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<							Clear									X Pt cldy			
Sunshine (in tenths of hours)						.67 0	0.2 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.80 0.1						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	W	W	SW
Wind movement	13	12	6	10	11	10	6	8	9	10	12	14	14	12	13	10	8	5	3	3	3	2	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:20 Character, Clear
Moonrise: 7:35 p Clear
Sunset: Time, 5:57 Character, Clear
Moonset: 7:39 a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

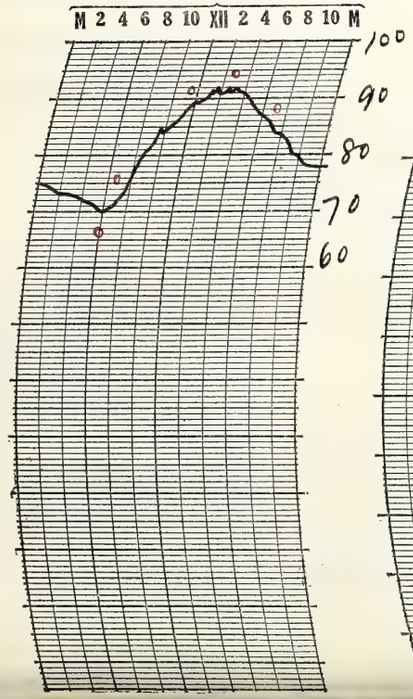
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	70	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 97
Prevailing wind direction, SW Total wind, 200
Average hourly velocity, 8.3 Extreme velocity, 17
Maximum velocity, 17 Direction, W
Time began, 11:40 a.m.
Reduced barometer, 29.88 7 a. m. 29.79 7 p. m.
River gage, 1.2 ft.
Relative humidity, 82 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.2 Wet temperature, 73.5
Dew-point, 67 R. humidity, 50 V. pressure, .661
Clouds: Amount, Few; Kind, Cu St Cu; Direction, NW W
Velocity of clouds (miles per hour)

THERMOGRAPH



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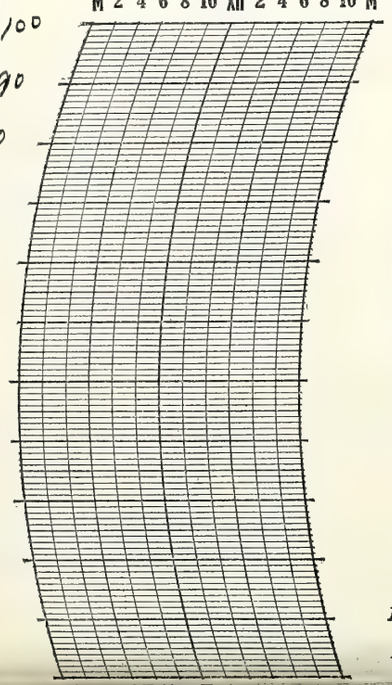
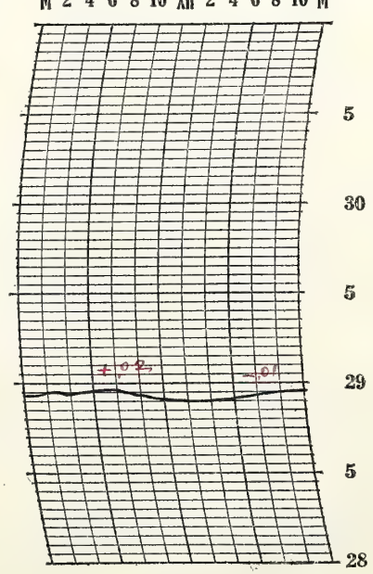


BAROGRAPH.



Prepared by OEP.

Verified by E.L.H.

NOTES

The sky was mostly clear all day. Partly cloudy late at night with moonlight at intervals.

It became quite warm in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	75	74	73	71	74	80	84	89	90	91	93	93	94	93	91	87	83	80	80	77	76	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						65 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	47 0.4						
Wind direction	SW	W	O	W	W	SW	SW	W	W	W	W	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	2	0	3	3	3	3	3	4	5	6	7	7	9	9	8	7	6	8	7	8	7	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:21 Character, Clear
Moonrise: 8:06p Clear
Sunset: Time, 6:52 Character, Clear
Moonset: 8:56a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

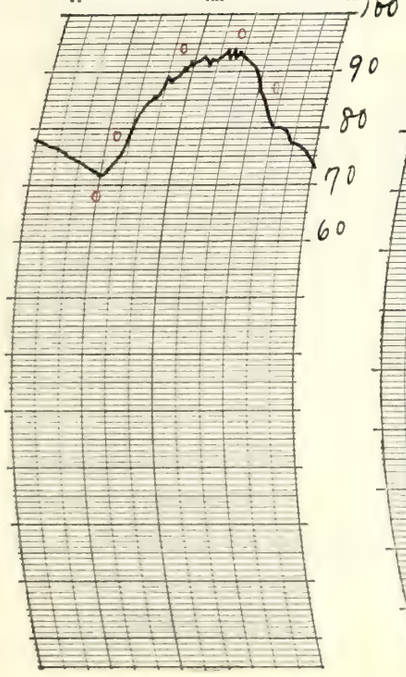
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 129
Average hourly velocity, 54 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 2:30 p.m.
Reduced barometer, 29.89 7 a. m. 29.88 7 p. m.
River gage, 1.2 ft.
Relative humidity, 76 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 91.0 Wet temperature, 72.2
Dew-point, 63 R. humidity, 40 V. pressure, 575
Clouds: Amount, 1; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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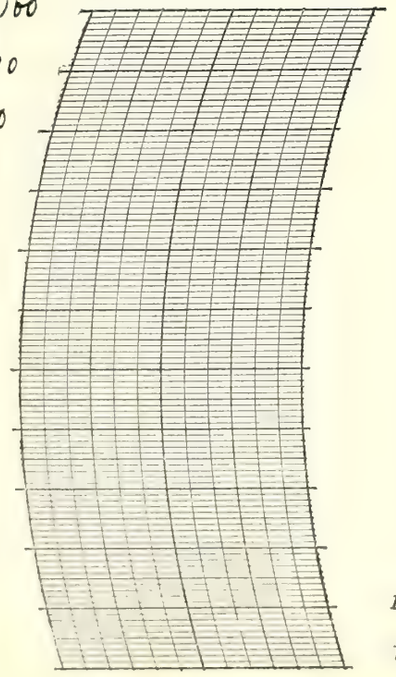
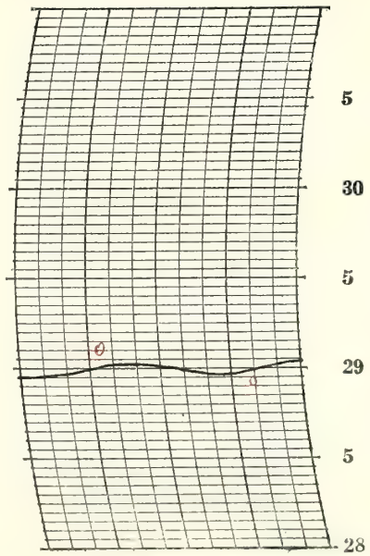


BAROGRAPH.



Prepared by DEP

Verified by E. L. T.

8—486

NOTES

Only a small amount of clouds appeared during the day. Cloudless into the night with moonlight late at night.

The weather was hot with a maximum of 93.9°.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 15 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	70	70	70	69	71	80	83	87	90	91	95	94	93	93	93	89	86	84	81	80	78	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						0 (.45)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 (.45)						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	5	7	8	7	8	8	7	6	11	10	12	13	12	12	12	13	9	7	6	5	5	4	5	6

Sunrise: Time, 5:21 Character, Clear
Moonrise: 8:41p Clear
Sunset: Time, 5:51 Character, Clear
Moonset: 10:12a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

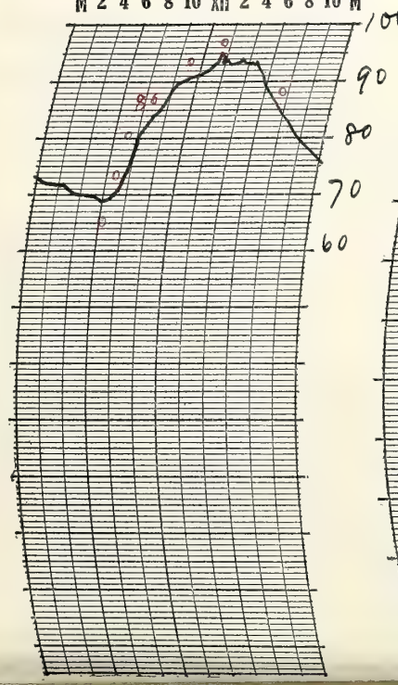
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	69	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 p. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 198
Average hourly velocity, 8.2 Extreme velocity, 17
Maximum velocity, 17 Direction, W
Time began, 2:10 p.m.
Reduced barometer, 30.01 7 a. m. 29.97 7 p. m.
River gage, 0.9 ft 8
Relative humidity, 82 7 a. m. 59 7 p. m.

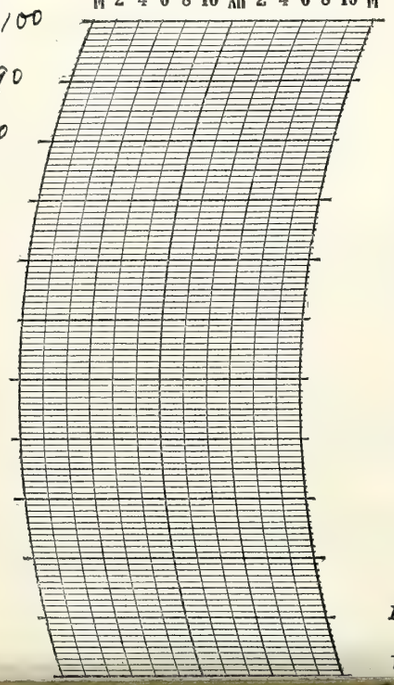
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 91.0 Wet temperature, 75.5
Dew-point, 69 R. humidity, 49 V. pressure, .707
Clouds: Amount, 1; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

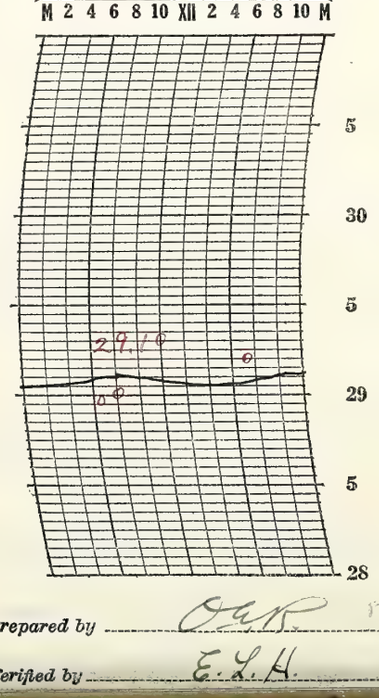
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OAR

Verified by E.L.H.

NOTES

Estimated on account of sand bar in middle of river.
Moonlight in early morning.
The sky continued mostly clear all day and into the night with moonlight late at night. Some large cumulus clouds formed in the afternoon.

It became very warm in the afternoon with a maximum temperature of 95.0°.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	73	72	70	69	66	68	71	75	78	81	84	85	90	89	89	87	85	82	80	78	76	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear																		
Sunshine (in tenths of hours)						43 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3						
Wind direction	NW	NW	N	N	N	N	N	NE	NE	NE	NE	NE	NE	E	SW	SW	W	SW	SW	SW	S	SE	SE	SE
Wind movement	4	4	4	3	4	6	7	6	5	4	5	4	3	4	5	5	5	2	1	1	1	2	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:22 Character, Clear
Moonrise: 9:20p Clear
Sunset: Time, 5:49 Character, Cloudy
Moonset: 11:26a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

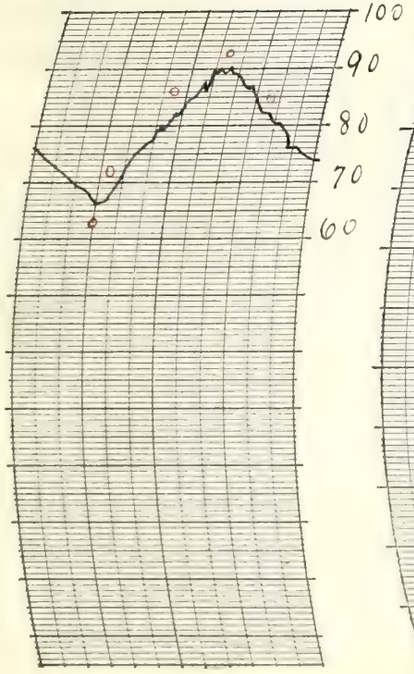
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.7 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 94
Prevailing wind direction, NE Total wind, 93
Average hourly velocity, 3.9 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 7:07 am
Reduced barometer, 30.05 7 a. m. 29.97 7 p. m.
River gage, 0.9 ft.*
Relative humidity, 72 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.8 Wet temperature, 66.5
Dew-point, 57 R. humidity, 40 V. pressure, .465
Clouds: Amount, 2; Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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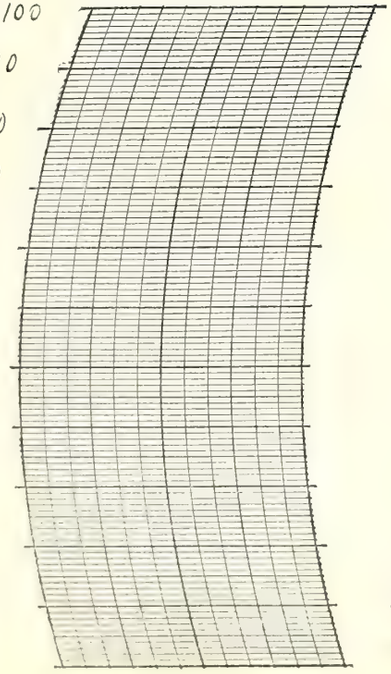
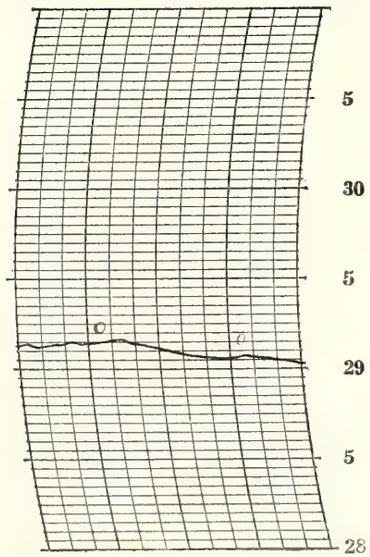


BAROGRAPH.



Prepared by O.E.P.

Verified by E.L.K.

8—486

NOTES

*Estimated on account of sand bar in middle of river.
Moonlight in early morning.
The sky remained mostly clear all day and into the night. Stars bright. Moon light late at night.

The day was rather warm altho there was some relief from the hot weather of the previous date.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 17 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	71	69	68	67	69	76	80	83	85	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)						.62 0	0.1 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	S	S	S	S	S	S	NW	N	N	NW	W
Wind movement	5	6	4	5	2	3	4	6	5	4	5	6

Sunrise: Time, 5:23 Character, Clear
Moonrise: 10:05p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	89	90	90	89	87	84	82	81	79	77	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									X	Cloudy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3						
Wind direction	W	W	W	W	SW	SW	SW	SE	SE	SE	S	SE
Wind movement	8	7	7	5	5	3	3	5	6	7	7	8

Sunset: Time, 5:47 Character, Cloudy
Moonset: 12:35p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

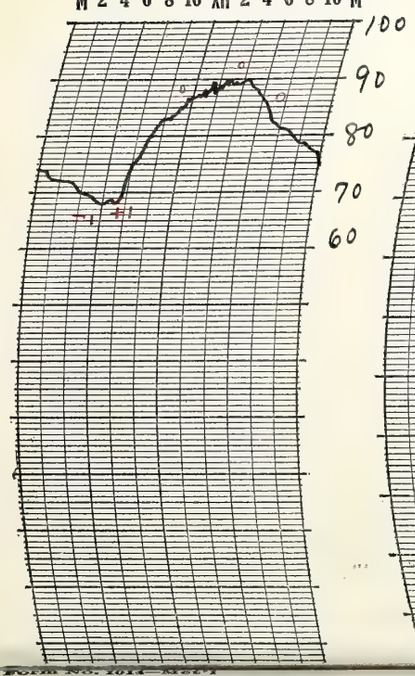
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	67	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Last Quarter 9:30 p.m.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.7 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 94
Prevailing wind direction, S Total wind, 126
Average hourly velocity, 5.2 Extreme velocity, 14
Maximum velocity, 13 Direction, NW
Time began, 11:37 p.m.
Reduced barometer, 29.927 a. m. 29.817 p. m.
River gage, 0.8 ft *
Relative humidity, 74 a. m. 49 p. m.

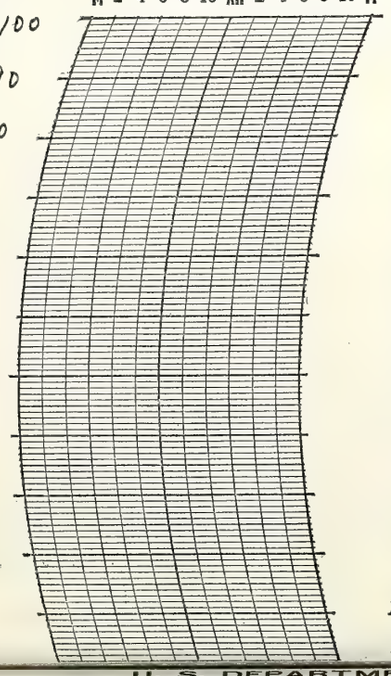
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 86.5 Wet temperature, 69.8
Dew-point, 61 R. humidity, 43 V. pressure, .536
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

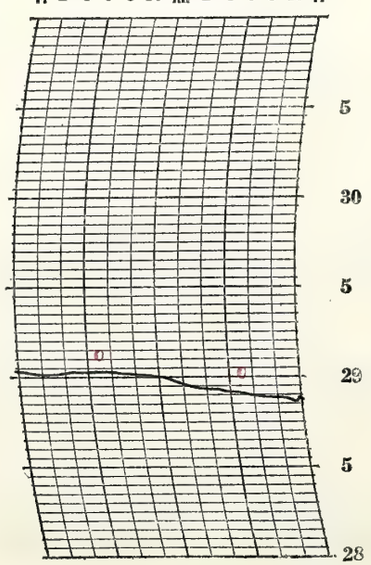
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OLP
Verified by E. L. H.

NOTES

* Estimated on account of sand bar in river.

The sky was mostly clear all day and at times was entirely cloudless. The sky became overcast about 8:00 p.m. and remained cloudy into the night. Reflections from distant lightning observed in west 8:30 p.m. and after.

It was quite warm in the afternoon and continued hot and muggy into the night.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	73	67	67	68	70	72	73	72	73	71	73	75	73	72	68	65	63	60	59	57	56	55
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN																			
Amounts of precipitation				34	.01																			
Cloudiness and other conditions				Cloudy	X			Pt cloudy			X Cldy		X Pt cldy		X				Clear					
Wind direction	E	SE	S	NW	NW	S	S	SW	W	W	W	W	W	W	W	W	NW	NW	NW	NW	W	W	W	SW
Wind movement	3	5	11	10	4	7	9	10	18	17	19	16	17	19	17	16	18	13	10	10	9	9	9	7
Sunshine (in tenths of hours)						0	0.6	0.9	1.0	0.8	1.0	0.4	0.8	1.0	1.0	1.0	1.0	0.4						

Sunrise: Time, 5:24; Character, Cloudy
Moonrise: 10:56p; Clear
Sunset: Time, 5:46; Character, Clear
Moonset: 1:40p; Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

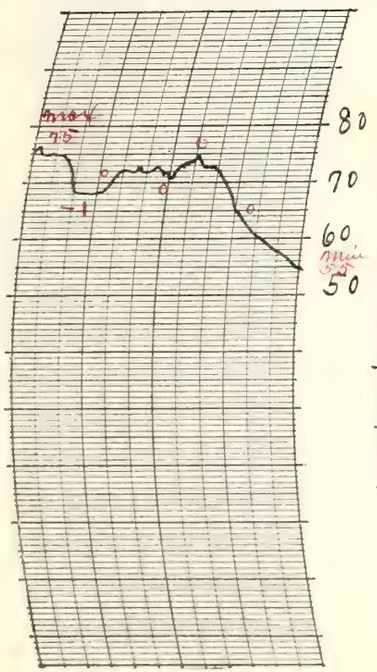
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	55	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .35 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .35 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.3; Possible sunshine, hours, 12.4
Per cent of possible sunshine, 83
Prevailing wind direction, W; Total wind, 288
Average hourly velocity, 11.8; Extreme velocity, 24
Maximum velocity, 24; Direction, W
Time began, 9:00 am
Reduced barometer, 29.67 7 a. m., 29.81 7 p. m.
River gage, 0.8 ft
Relative humidity, 95 7 a. m., 56 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 70.8; Wet temperature, 65.0
Dew-point, 62; R. humidity, 74; V. pressure, .535
Clouds: Amount, 9; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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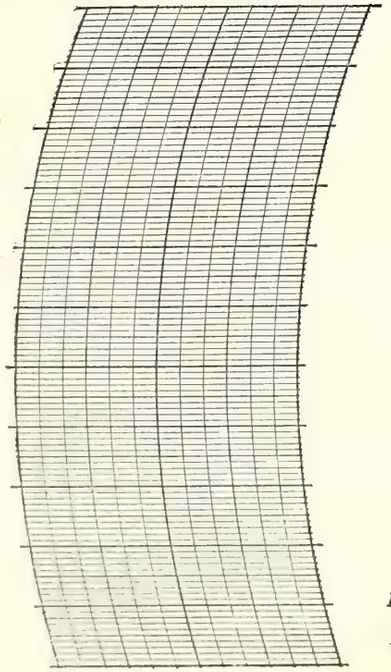
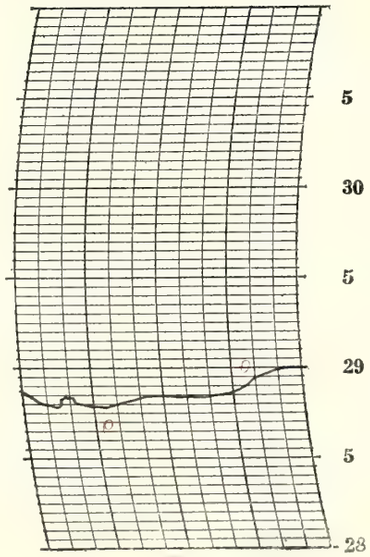


BAROGRAPH.



Prepared by O.E.R.
Verified by E.F.H.

8—486

NOTES

Estimated; sand bar in river.

A thunderstorm accompanied by a brisk shower began 3:00 am and continued until near 5:00 am. The clouds were black and threatening about noon. It cleared during the afternoon and remained cloudless into the night. Stars brilliant.

The temperatures were rather high during the early morning hours. It was rather pleasant during the day but became quite cool late at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 19 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	51	51	49	47	50	54	56	60	61	61	63	65	65	65	64	61	59	57	55	53	51	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)						.57 0	.01 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.33 0.4						
Wind direction	SW	W	W	SW	SW	SW	SW	SW	W	W	W	W	SW	W	W	W	W	W	W	SW	SW	SW	S	S
Wind movement	6	10	11	7	6	6	6	9	10	13	16	16	17	15	15	15	13	8	6	5	5	7	6	8

Sunrise: Time, 5:26 Character, Clear
Moonrise: 11:53 p Clear?
Sunset: Time, 5:44 Character, Clear
Moonset: 2:36 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

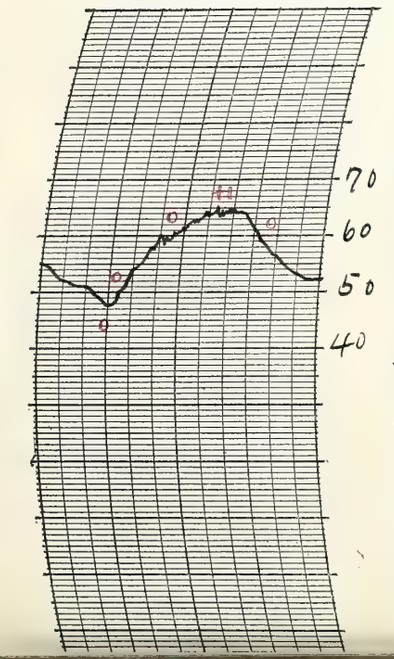
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	47	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.3 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 236
Average hourly velocity, 9.8 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 1:03 p.m.
Reduced barometer, 29.967 a. m. 29.90 7 p. m.
River gage, 0.8 ft *
Relative humidity, 73 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.2 Wet temperature, 47.3
Dew-point, 31 R. humidity, 33 V. pressure, .172
Clouds: Amount, 1; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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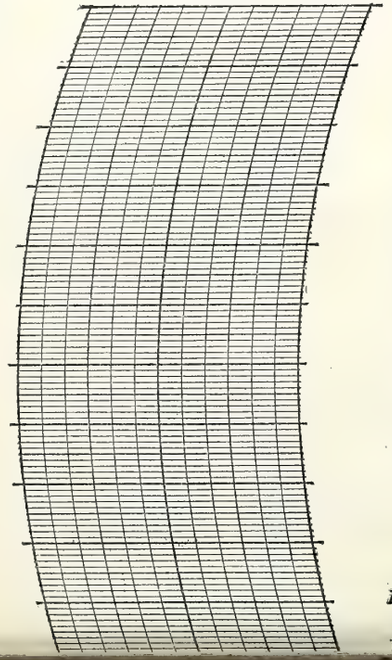
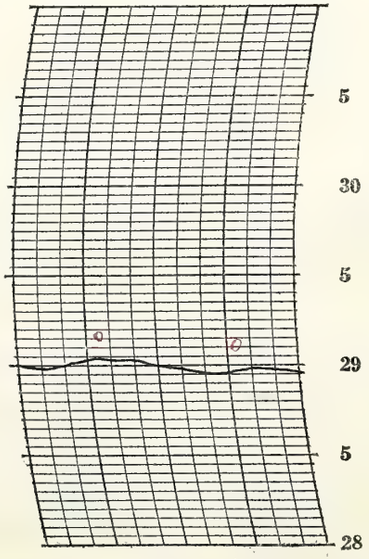


BAROGRAPH.



Prepared by O.W.P.
Verified by E.L.H.

NOTES

* Estimated; sand bar in river.
The day was clear and cool with temperatures considerably below the normal. Clear into the night. Stars brilliant.

Solar halo, 22° radius, observed 11:40 am for a few minutes

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 20 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	50	51	53	54	52	50	48	50	53	54
Nature of precipitation and time of beginning and ending							RB 6:26	RE 7:40				
Amounts of precipitation							T	T				
Cloudiness and other conditions							Cloudy			×	Pt cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0.7	1.0	1.0
Wind direction	S	S	S	S	SW	SW	W	W	SW	W	W	W
Wind movement	10	10	11	12	11	11	12	10	14	16	17	20

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	57	54	53	51	49	47	46	45	44	42
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt cloudy		×		Clear							
Sunshine (in tenths of hours)	*1.0	*1.0	*1.0	0.9	0.2 0.8	.70 0						
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	19	19	16	17	15	10	7	7	6	8	9	8

State of weather.

Sunrise: Time, 5:27 Character, Cloudy

Moonrise: — —

Sunset: Time, 5:42 Character, Clear

Moonset: 3:24p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.3 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 68
Prevailing wind direction, W Total wind, 295
Average hourly velocity, 12.3 Extreme velocity, 29
Maximum velocity, 26 Direction, W
Time began, 11:30 am
Reduced barometer, 29.84 7 a. m. 29.98 7 p. m.
River gage, 1.0 ft. 6
Relative humidity, 80 7 a. m. 60 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

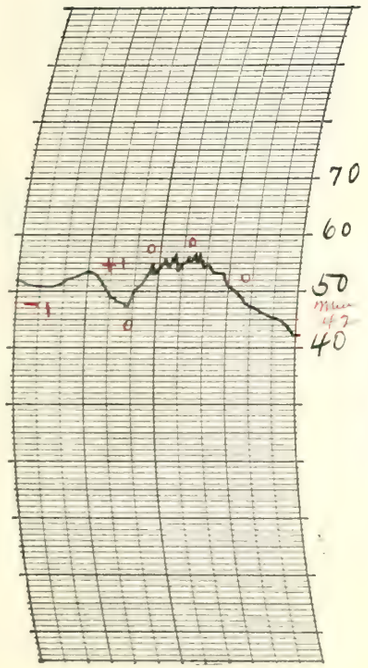
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

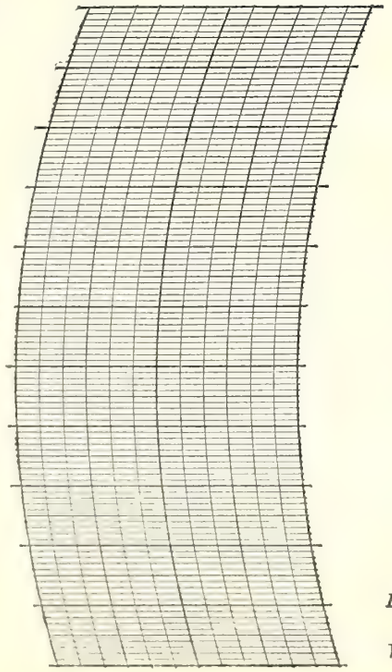
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 53.8 Wet temperature, 44.0
Dew-point, 33 R. humidity, 44 V. pressure, .187
Clouds: Amount, 4; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

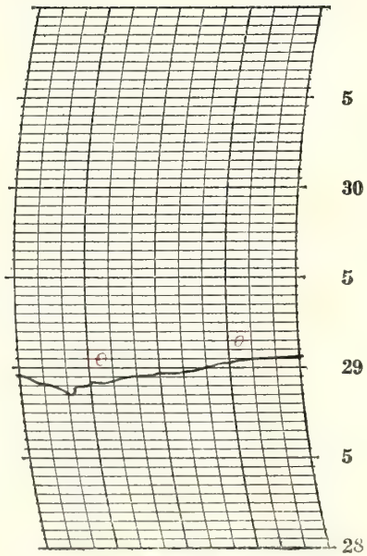
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.E.P.

Verified by E. L. N.

NOTES

Estimated; sand bar in river

A light shower occurred in the morning. Decreasing cloudiness during the day. Clear into the night. The stars were bright but not brilliant.

It was rather cool with temperatures considerably below the normal.

*By observation

Frost warning issued.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 21 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	39	39	39	41	45	51	53	55	57	57	58	60	57	57	55	54	54	53	52	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						55 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.1	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	7	9	10	7	6	6	8	7	6	9	10	10	11	9	10	8	7	7	5	4	6	4	5	7

← Clear — X St Cldy X Cldy X Clear ?

Sunrise: Time, 5:27 Character, Clear

Moonrise: 12:54 a Clear

Sunset: Time, 5:41 Character, Cloudy

Moonset: 4:04 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.0 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 82

Prevailing wind direction, SW Total wind, 178

Average hourly velocity, 7.4 Extreme velocity, 14

Maximum velocity, 14 Direction, W

Time began, 12:19 p. m.

Reduced barometer, 30.06 7 a. m. 30.10 7 p. m.

River gage, 1.0 ft 8

Relative humidity, 86 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

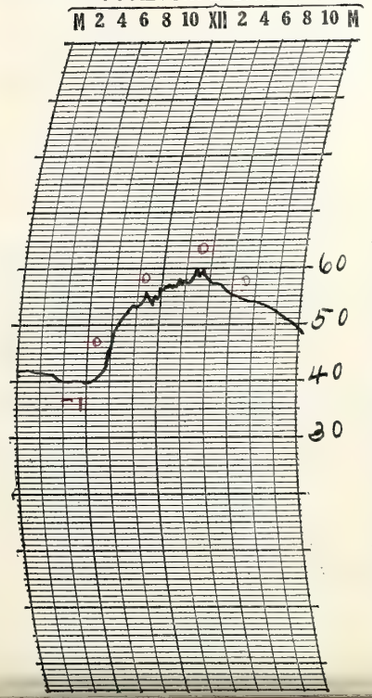
Dry temperature, 56.8 Wet temperature, 45.5

Dew-point, 33 R. humidity, 40 V. pressure, .187

Clouds: Amount, 2; Kind, St Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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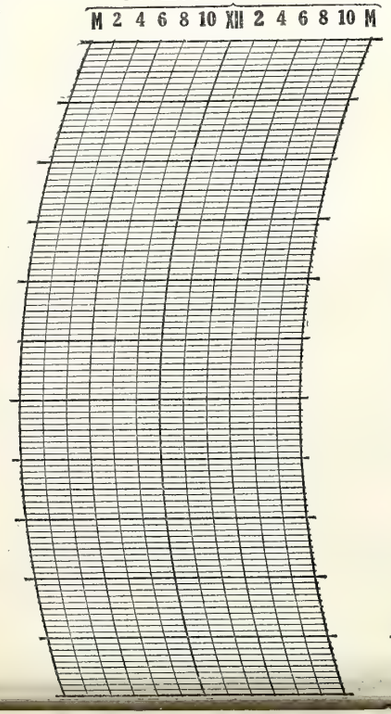
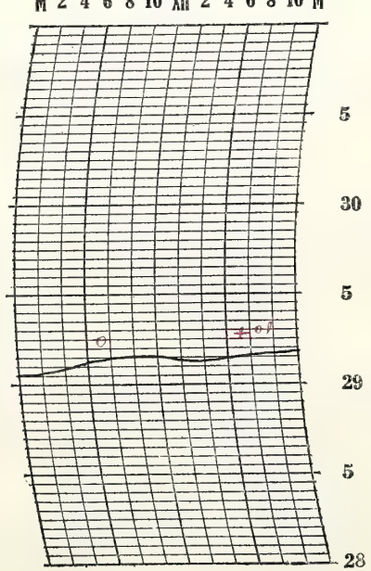


BAROGRAPH.



Prepared by O.A.R.

Verified by E. L. H.

NOTES

°Estimated; sand bar in river.
Light frost in early morning.
The sky remained mostly clear until late in the afternoon when the cloudiness increased considerably. Between 9:00 p.m. and 9:30 p.m. the sky cleared. Stars bright late at night.

The weather continued rather cool for the season.

The light frost of this date apparently caused no material damage.

Frost warning for Orolanda issued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 22 1927, 192

Time (local standard) 9.9 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	44	44	43	46	52	54	57	60	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		? Clear?				Cloudy			×	Clear ×		
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	7	6	3	5	7	7	5	5	9	12	10	13

Sunrise: Time, 5:28 Character, Cloudy
Moonrise: 1:57a Clear?

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	59	56	54	53	53	52	52	52	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cloudy		×				Cloudy →			
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.8	0	0						
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	W
Wind movement	15	14	13	15	14	10	5	7	8	8	6	4

Sunset: Time, 5:39 Character, Cloudy
Moonset: 4:38p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

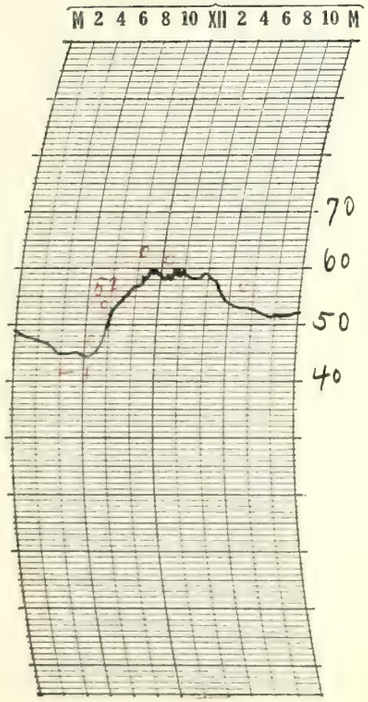
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.4 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 69
Prevailing wind direction, SW-W Total wind, 208
Average hourly velocity, 8.7 Extreme velocity, 20
Maximum velocity, 18 Direction, W
Time began, 1:08 p.m.
Reduced barometer, 30.15 7 a. m. 30.14 7 p. m.
River gage, 1.0 ft *
Relative humidity, 89 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 47.7
Dew-point, 35 R. humidity, 41 V. pressure, 203
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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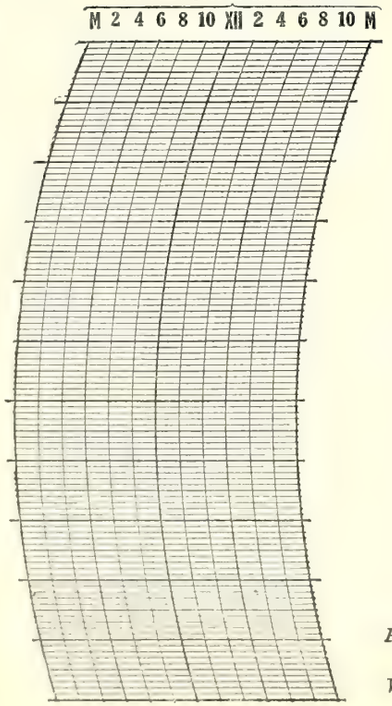
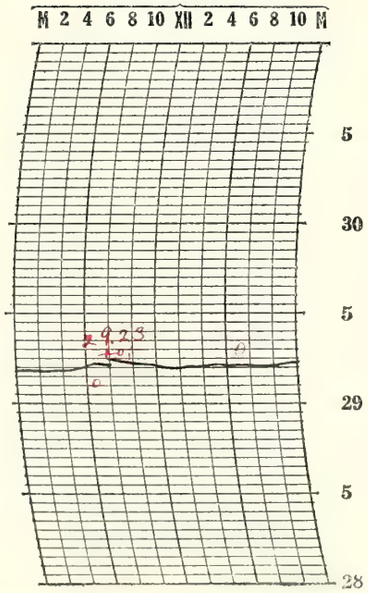


BAROGRAPH.



Prepared by O.E.P.

Verified by E.H.H.

8—486

NOTES

*Estimated; s and bar. inv. given.
The cloudiness varied considerably from time to time and the day as a whole was partly cloudy. The sky remained mostly overcast late at night.

It was cool for the season.

Frost warning for lowlands issued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 23 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	49	48	47	49	52	56	59	61	63	65	66	67	66	65	64	63	61	60	59	58	58
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE RN																		RB 7:55	RE 8:05			
Amounts of precipitation	T	.01																		T	T			
Cloudiness and other conditions	Cloudy				X								Clear				X			Cloudy		Cloudy		

Sunrise: Time, 5:29 Character, Clear

Moonrise: 3:00 a Cloudy?

Sunset: Time, 5:37 Character, Cloudy

Moonset: 5:06 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						.52 0	0.4 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0						
Wind direction	NW	NW	N	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW	NW	NW	SW	SW	S	S	S
Wind movement	6	2	1	2	4	3	5	5	5	5	6	7	9	10	9	8	4	2	1	2	4	2	3	2

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	47	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.3 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 85

Prevailing wind direction, SW Total wind, 107

Average hourly velocity, 4.5 Extreme velocity, 14

Maximum velocity, 14 Direction, NW

Time began, 1:42 p.m.

Reduced barometer, 30.20 7 a. m. 30.19 7 p. m.

River gage, 0.9 8

Relative humidity, 83 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

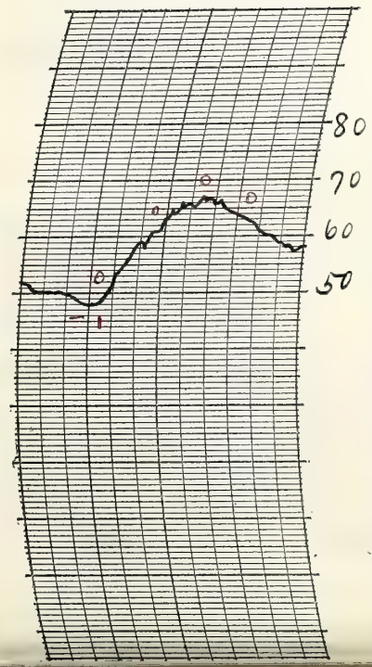
Dry temperature, 63.1 Wet temperature, 51.8

Dew-point, 42 R. humidity, 46 V. pressure, .266

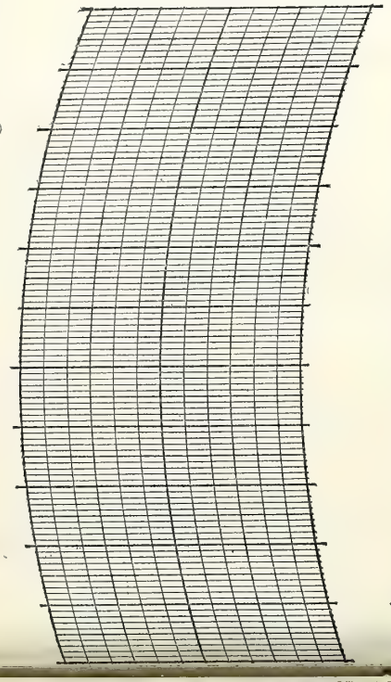
Clouds: Amount, 1; Kind, St cu; Direction, W

Velocity of clouds (miles per hour)

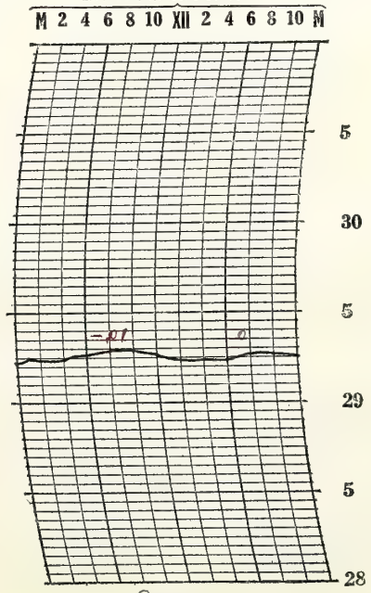
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by E.L.H.

NOTES

Autumnal Equinox — autumn commences — 7:17 p.m.

*Estimated; sand bar in river.

A light shower occurred in the early morning. The sky was mostly clear during the day but became cloudy in the late afternoon and a light sprinkle of rain occurred about 8:00 p.m. Mostly cloudy into the night.

The weather was rather pleasant altho the temperature was still somewhat below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 24 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	55	56	54	55	60	62	68	70	72	73	74	74	73	74	70	68	66	64	62	61	60
State of weather: Nature of precipitation and time of beginning and ending					RB PN	RE PN																		
Amounts of precipitation					T	T																		
Cloudiness and other conditions	←				Cloudy			×	Pt cldy		×	Clear	Pt cldy	×			Clear							→
Sunshine (in tenths of hours)						0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.7 (0.1)	0 (.60)						
Wind direction	SE	SE	SE	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	5	4	5	7	10	9	8	10	11	13	13	15	17	15	16	13	10	7	7	8	10	10	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:30 Character, Cloudy
Moonrise: 4:01 a Cloudy
Sunset: Time, 5:36 Character, Clear
Moonset: 5:32 p Clear

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.0 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 83
Prevailing wind direction, S Total wind, 241
Average hourly velocity, 10.0 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 12:25 p.m.
Reduced barometer, 30.20 7 a. m. 30.12 7 p. m.
River gage, 0.9 ft
Relative humidity, 81 7 a. m. 45 7 p. m.

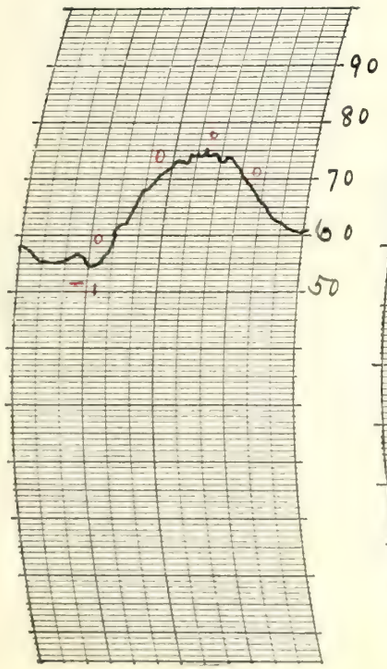
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 72 Wet temperature, 58
Dew-point, 49 R. humidity, 44 V. pressure, .347
Clouds: Amount, 6; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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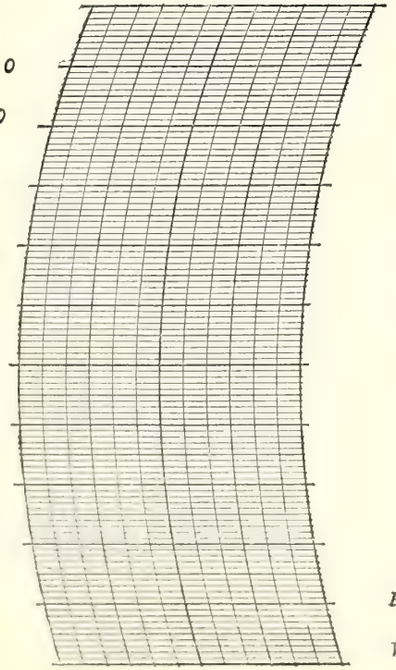
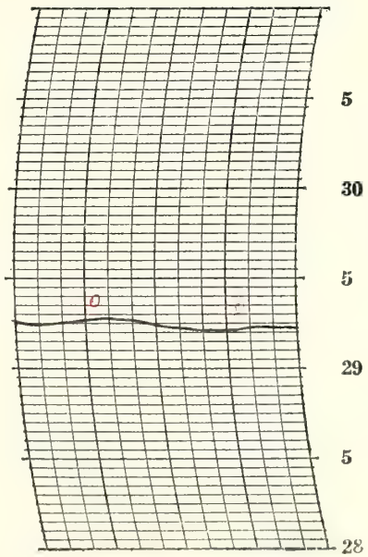


BAROGRAPH.



Prepared by OEP

Verified by

8—486

NOTES

Estimated; sand bar in river.
A light sprinkle of rain occurred in the early morning, about 5:00 am. The cloudiness varied somewhat during the day but sunshine was recorded the greater part of the day. Mostly clear into the night. Stars bright.

The weather was warm and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 25 1927, 192

90 mer. normal time.

Time (local standard)	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	58	57	57	59	64	68	72	75	76	77	78	77	76	75	73	72	71	69	66	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt cldy				Clear		Pt cldy				Cloudy							
Sunshine (in tenths of hours)						48 0	03 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.5	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	S	S	S	S
Wind movement	10	10	9	9	10	10	9	12	13	15	17	17	20	16	14	12	7	5	3	4	8	9	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:31 Character, Clear
Moonrise: 5:01a Clear
Sunset: Time, 5:34 Character, Cloudy
Moonset: 5:55p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

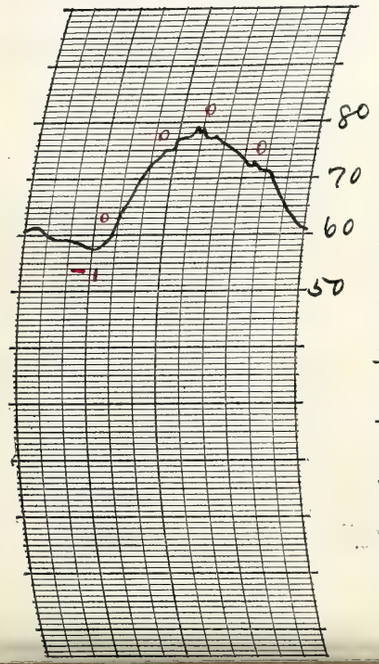
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase, New-4:11 pm
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.5 Possible sunshine, hours, 12.0
Percent of possible sunshine, 79
Prevailing wind direction, S Total wind, 257
Average hourly velocity, 10.7 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 11:30 a m
Reduced barometer, 30.18 7 a. m. 30.12 7 p. m.
River gage, 0.9 ft
Relative humidity, 64 7 a. m. 42 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 76 Wet temperature, 58
Dew-point, 44 R. humidity, 30 V. pressure, .287
Clouds: Amount, 2; Kind, cst; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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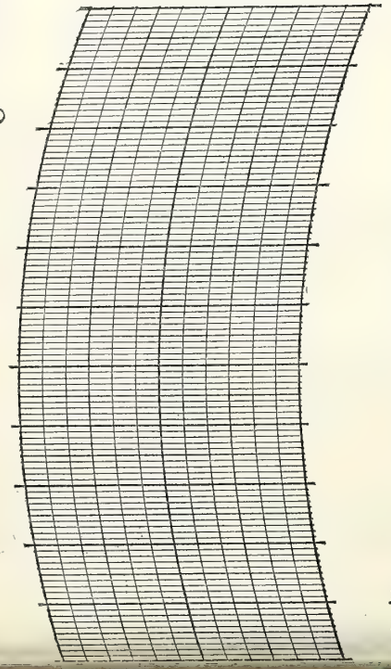
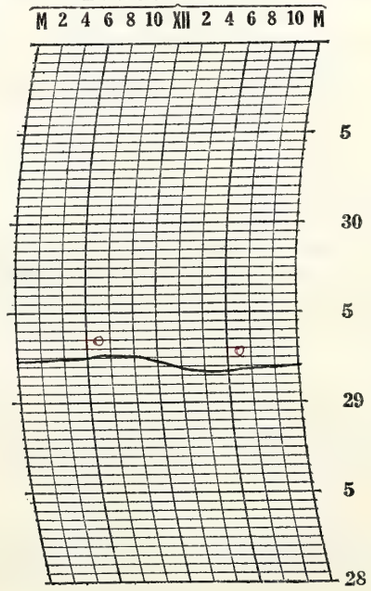


BAROGRAPH.



Prepared by O.G.P.

Verified by E.L.H.

NOTES

Estimated; sandbox in sixth. Upper clouds prevailed all day and the day as a whole was partly cloudy. Mostly cloudy until the night. A few of brighter stars visible through the clouds.

Warm and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 26 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	61	60	60	59	59	62	65	72	75	77	78	78	77	78	76	74	73	70	68	67	67	66
State of weather: Nature of precipitation and time of beginning and ending													RB 12:05 RE 12:08											
Amounts of precipitation													T											
Cloudiness and other conditions						Cloudy			Clear				Pt Cloudy						Cloudy					

Sunrise: Time, 5:32 Character, Cloudy
Moonrise: 6:01 a Cloudy
Sunset: Time, 5:32 Character, Cloudy
Moonset: 6:17 p Cloudy

	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	S	S	S	S	S	S	SW	S	S	SW	S	S	S	S	S	S	S	S	S
Wind movement	8	8	7	8	9	8	8	8	10	9	8	7	6	5	6	8	8	8	8

Maximum velocities (exceeding 2.0 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	59	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.8 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 73
Prevailing wind direction, S Total wind, 180
Average hourly velocity, 7.5 Extreme velocity, 15
Maximum velocity, 14 Direction, S
Time began, 12:57 p.m.
Reduced barometer, 30.17 7 a. m. 30.13 7 p. m.
River gage, 0.8 ft
Relative humidity, 62 7 a. m. 41 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

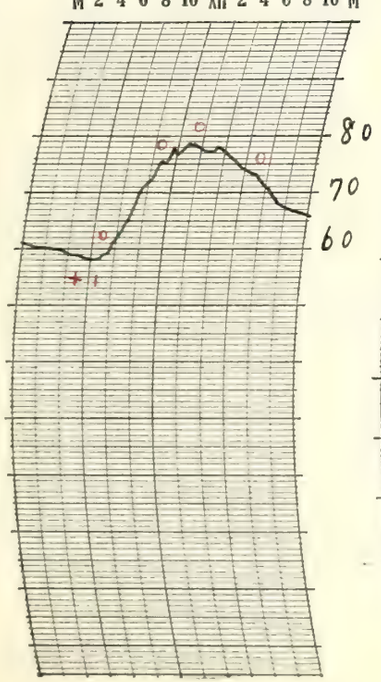
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

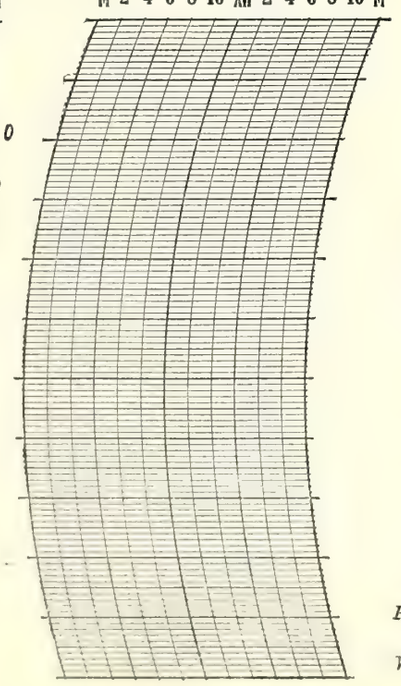
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77 Wet temperature, 58
Dew-point, 44 R. humidity, 31 V. pressure, .287
Clouds: Amount, 2; Kind, ci cu; Direction, SW
Velocity of clouds (miles per hour)

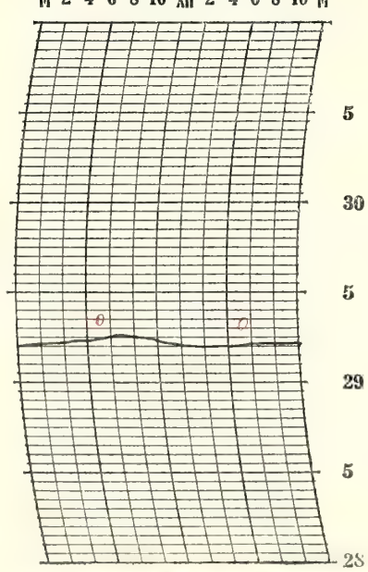
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CEP

Verified by E. L. R.

8—486

NOTES

°Estimated; sand bar in river.
The day as a whole was partly cloudy but there was considerable sunshine recorded during the middle of the day. Mostly cloudy into the night. A light sprinkle of rain occurred about noon.

The weather continued warm and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	63	63	63	64	65	66	64	66	70	71	75	77	77	76	75	74	73	72	68	67	67
State of weather. Nature of precipitation and time of beginning and ending								RB 7:40				RE 11:10	RB 12:20 RE 12:25									RB 9:18		RE DN
Amounts of precipitation								T	.01	.01	.02	T	T									.05	.02	T
Cloudiness and other conditions										Cloudy					X	Cldy		X				Cloudy		
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.8	0	0.6	0.9	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	SW	SW	S	S	S	S	S	S	S	S	S	SE	SE	SW	S	S
Wind movement	7	5	4	3	4	5	5	6	5	4	5	7	8	8	9	7	5	3	2	5	7	11	6	4

Sunrise: Time, 5:33 Character, Cloudy
Moonrise: 6:59a Cloudy
Sunset: Time, 5:30 Character, Cloudy
Moonset: 6:40p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

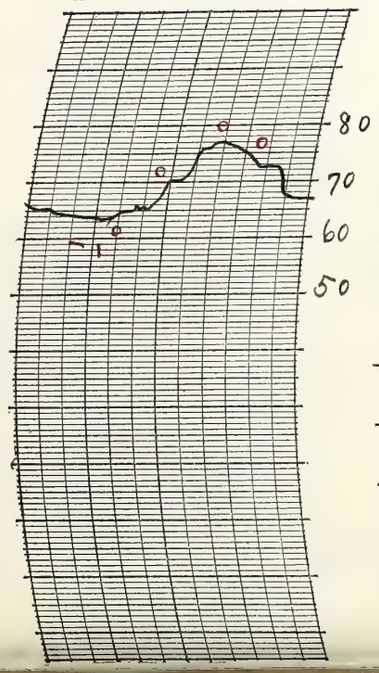
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	63	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 04 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.3 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 19
Prevailing wind direction, S Total wind, 135
Average hourly velocity, 5.6 Extreme velocity, 22
Maximum velocity, 19 Direction, SW
Time began, 9:18 p. m.
Reduced barometer, 30.18 7 a. m. 30.12 7 p. m.
River gage, 0.7 ft 0
Relative humidity, 75 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.8 Wet temperature, 64.6
Dew-point, 62 R. humidity, 76 V. pressure, 555
Clouds: Amount, 9; Kind, St cu; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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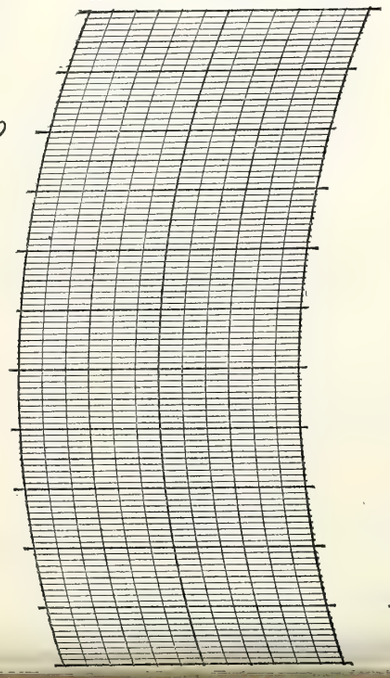
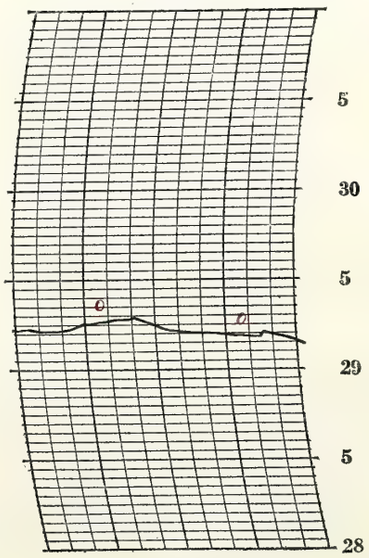


BAROGRAPH.



Prepared by O.E.R.

Verified by E.L.H.

8—486

NOTES

* Estimated; sandbar in river.
Light rain occurred during the forenoon and also at night. The sky was partly cloudy in the afternoon but for the greater part of the day it was mostly cloudy.

Moderate temperatures continued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 28 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	66	64	64	65	66	67	68	67	67	66	65	67	66	67	65	63	60	58	57	56	55	54
State of weather: Nature of precipitation and time of beginning and ending		RB DN															RE 4:20							
Amounts of precipitation		T	.01	.06	.18	.02	.02	.01	T	.03	.08	.06	.07	T	.04	.11	.01							
Cloudiness and other conditions											Cloudy									Clear				

Sunrise: Time, 5:35 Character, Cloudy

Moonrise: 7:58a Cloudy

Sunset: Time, 5:29 Character, Cloudy

Moonset: 7:04p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SE	SE	S	S	S	SE	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	6	8	10	8	10	9	14	14	18	18	18	17	11	12	15	14	15	14	13	13	10	8	6	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	54	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .36 ins.; to 7 p. m., .41 ins.

Total precipitation, midnight to midnight, .70 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 0

Prevailing wind direction, SS Total wind, 287

Average hourly velocity, 12.0 Extreme velocity, 22

Maximum velocity, 20 Direction, SS

Time began, 10:40 am

Reduced barometer, 29.91 7 a. m. 29.87 7 p. m.

River gage, 0.7 ft.*

Relative humidity, 95 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

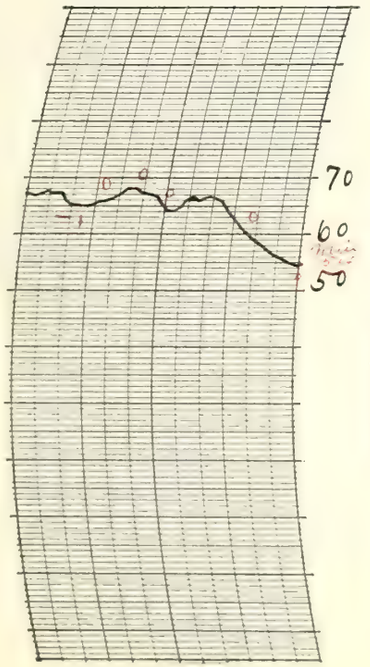
Dry temperature, 65.7 Wet temperature, 64.1

Dew-point, 64 R. humidity, 92 V. pressure, .595

Clouds: Amount, 10; Kind, Nb; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



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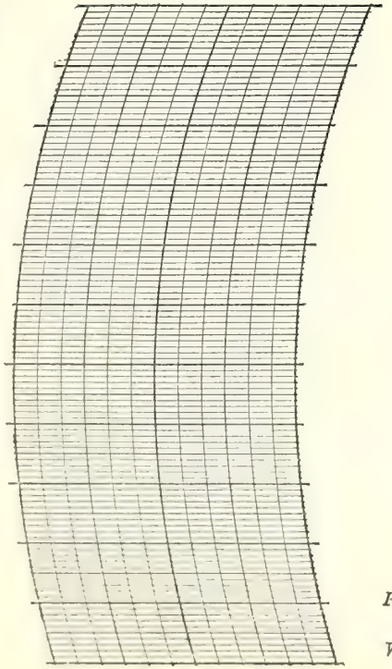
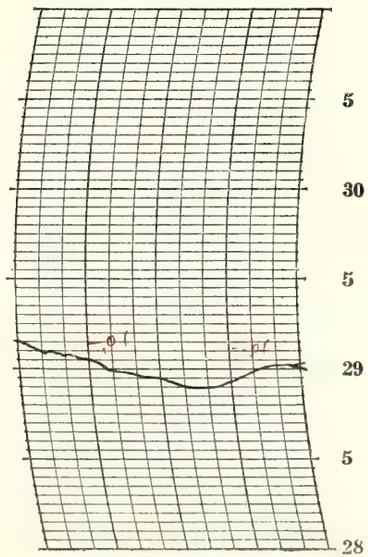


BAROGRAPH.



Prepared by CEA

Verified by

8—486

NOTES

* Estimated; sand bar in river.

Rain continued from early morning until after 4:00 p.m. The sky cleared rapidly about 6:00 p.m. and continued mostly clear into the night. Stars bright.

The temperature changed very little until after the rain ceased; then it fell steadily till midnight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 29 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	57	59	60	61	62	63	66	67	69	68	68	66	67	68	67	66	66	67	68	70	66	68	69
State of weather: Nature of precipitation and time of beginning and ending					RB DN RE DN		RB 6:50 RE 6:53			RB 9:50			RE 12:45			RB 3:12								R Cont'd
Amounts of precipitation					T		T			T	.09	.06	.04			.03	.29	.24	.15	.04	.04	.06	T	T
Cloudiness and other conditions	Clear?											Cloudy												

Sunrise: Time, 5:36 Character, Cloudy

Moonrise: 8:57a Cloudy

Sunset: Time, 5:27 Character, Cloudy

Moonset: 7:31p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.1	0.1	0	0	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	SE	S	S	S	S	S	S	S	S	S	SE	SE	SW	SW	S	S
Wind movement	6	6	6	7	9	8	7	10	11	12	13	24	20*	18	19	17	12	12	14	15	12	11	14	19
Maximum velocities (exceeding 29 miles) direction and time												30 S 11:38												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	70	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 87 ins.

Total precipitation, midnight to midnight, 1.04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.2 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 2

Prevailing wind direction, S Total wind, 302

Average hourly velocity, 12.6 Extreme velocity, 33

Maximum velocity, 30 Direction, S

Time began, 11:38 am

Reduced barometer, 29.89 7 a. m. 29.64 7 p. m.

River gage, 0.7 ft. 5

Relative humidity, 94 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

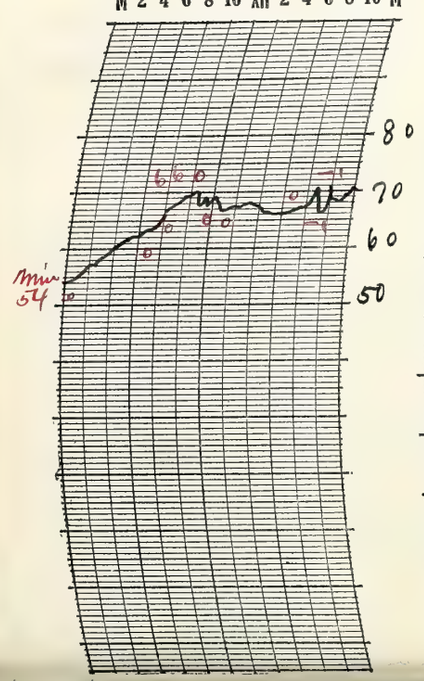
Dry temperature, 67.8 Wet temperature, 65.8

Dew-point, 65 R. humidity, 90 V. pressure, .616

Clouds: Amount, 10; Kind, Nb; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



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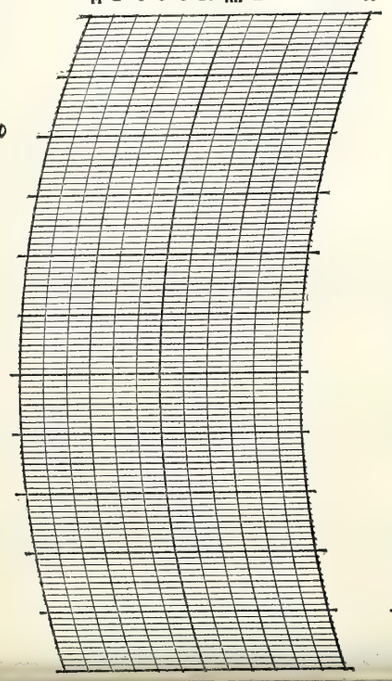
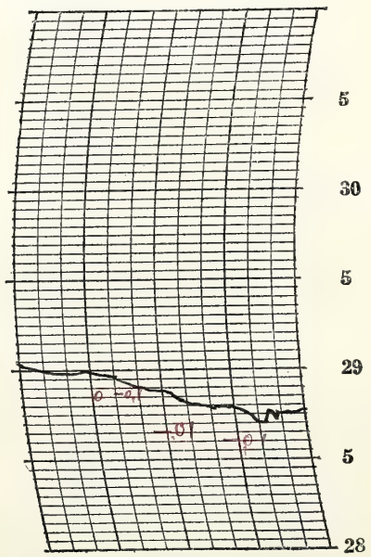


BAROGRAPH.



Prepared by O.G.R.

Verified by E.L.H.

8—486

NOTES

o Estimated; sand box in use.

* By interpolation

Several showers occurred during the day with a moderately heavy fall between 4:00 p.m. and 7:00 p.m. The showers continued past midnight. Thunderstorm began 10:01 am and ended 12:45 p.m.

The temperature was lowest at midnight am. and rose steadily till about 10:00 am. During the rest of the day it changed very little. Strong south winds.

Chicago called for 2:00 p.m. (75th m T) Special observation.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 30 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	69	69	68	67	66	68	71	72	74	74
Nature of precipitation and time of beginning and ending		RE DN										
Amounts of precipitation	T	T										
Cloudiness and other conditions	Cloudy		?							Clear		
Sunshine (in tenths of hours)						0.38 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	19	21	20	19	17	16	21	21	21	22	21

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	80	79	76	73	73	72	73	72	70	69
Nature of precipitation and time of beginning and ending								RB 7:50	RE 8:25	RB 9:35	RE 10:20	RB + E DN
Amounts of precipitation								T	T	.01	.01	T
Cloudiness and other conditions					Pt cldy				Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	S	S
Wind movement	19	18	13	11	4	3	3	10	17	17	11	14

State of weather.

Sunrise: Time, 5:37 Character, Clear

Moonrise: 9:58a Clear

Sunset: Time, 5:25 Character, Cloudy

Moonset: 8:00p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	66	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .17 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.4 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 88

Prevailing wind direction, SW Total wind, 373

Average hourly velocity, 15.5 Extreme velocity, 30

Maximum velocity, 28 Direction, SW

Time began, 10:05 am.

Reduced barometer, 29.80 7 a. m. 30.00 7 p. m.

River gage, 2.1 ft.

Relative humidity, 81 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

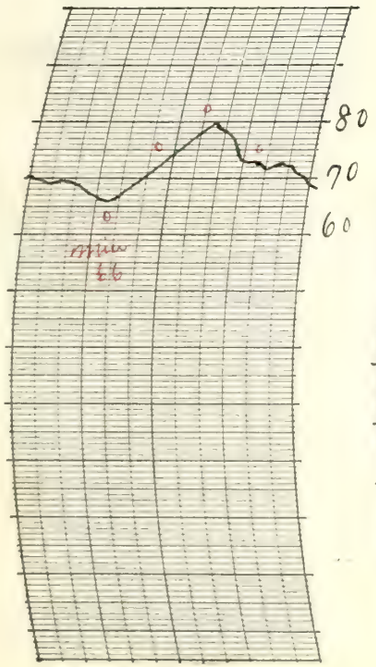
Dry temperature, 74.2 Wet temperature, 58.9

Dew-point, 48 R. humidity, 39 V. pressure, .334

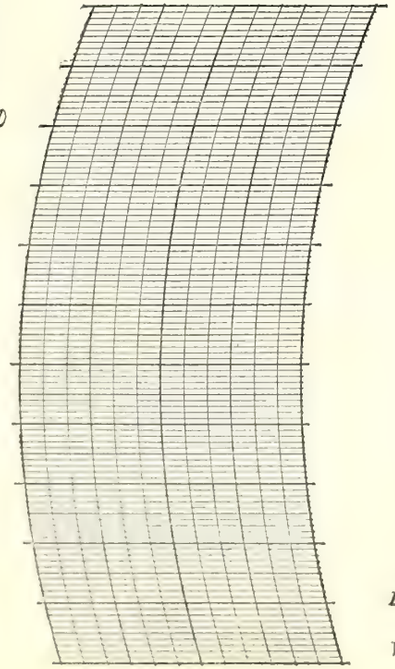
Clouds: Amount, 2; Kind, Cist; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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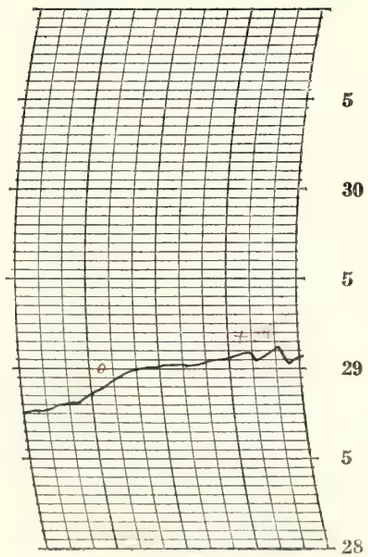


Prepared by OGR

Verified by E.L.H.

8—486

NOTES

A light shower from the previous date ended in the early morning. The sky had cleared by sunrise and it remained mostly clear the greater part of the day. After about 4:00 p.m. the clouds increased rapidly and showers occurred in the night with a thunderstorm late at night. Only a light sprinkle fell during the thunderstorm.

Moderate temperatures.

Solar halo, 22° radius, observed 10:08 am to about 12:00 noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 1 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	69	68	68	68	69	69	70	74	75	71
Nature of precipitation and time of beginning and ending					RB DN	- - - -	- - - -	RE 7:55		RB 9:22	- - - -	
Amounts of precipitation					T	T	.06	.20		.06	.01	.19
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0	0	0.8	0.5	0
Wind direction	S	S	S	S	S	SE	SE	SW	S	S	SW	SW
Wind movement	14	9	10	9	8	2	2	3	7	9	12	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	73	73	74	73	72	71	71	71	71	71	71
Nature of precipitation and time of beginning and ending	RE 12:50	RB 1:42 RE 1:50				RB 5:00 RE 5:15		RB 7:05 RE 7:25				
Amounts of precipitation	.15	T				T		T				
Cloudiness and other conditions									X — Pt cldy →			
Sunshine (in tenths of hours)	0	0.3	0.1	0.2	0	0						
Wind direction	S	S	SW	SW	S	S	S	S	S	SE	S	SE
Wind movement	7	9	11	10	8	9	9	8	7	8	6	8

State of weather.

← Cloudy

Sunrise: Time, 5:38 Character, Cloudy

Moonrise: 10:58 a Cloudy

Sunset: Time, 5:23 Character, Cloudy

Moonset: 8:35 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	68	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., .61 ins.

Total precipitation, midnight to midnight, 1.67 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.9 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 16

Prevailing wind direction, S Total wind, 194

Average hourly velocity, 8.1 Extreme velocity, 16

Maximum velocity, 16 Direction, SW

Time began, 12:17 am

Reduced barometer, 30.06 7 a. m. 30.09 7 p. m.

River gage, 5.6 ft

Relative humidity, 92 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

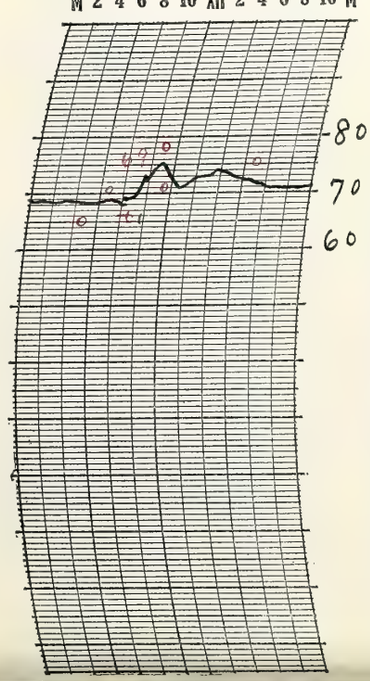
Dry temperature, 71.0 Wet temperature, 70.0

Dew-point, 70 R. humidity, 95 V. pressure, 732

Clouds: Amount, 10; Kind, Nb; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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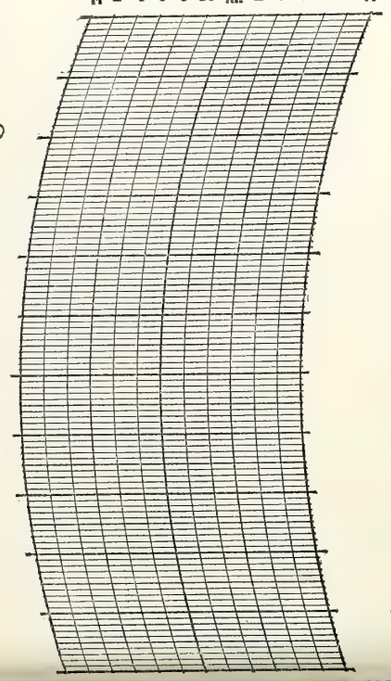
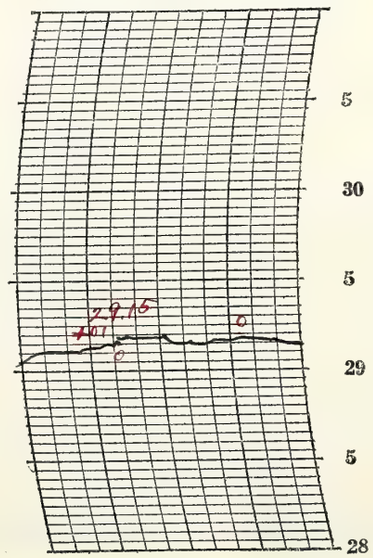


BAROGRAPH.



Prepared by O.E.P.

Verified by E.L.H.

8—486

NOTES

Several showers occurred during the day. A thunderstorm began 5:45 am and ended 7:55 am. A second thunderstorm began 11:45 am and ended 12:50 p.m. The thunderstorms were both light. The sky was partly cloudy late at night with stars visible through the clouds.

Moderate temperature.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 2 1927, 192

Time (local standard) 9 0mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	67	68	69	73	75	78	80	81	82	83	83	82	79	76	74	73	72	71	70	67
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN																			
Amounts of precipitation				T	T																			
Cloudiness and other conditions			Cloudy			X						Clear											X Cldy	

Sunrise: Time, 5:39 Character, Clear
Moonrise: 11:59a Clear
Sunset: Time, 5:22 Character, Cloudy
Moonset: 9:17p. Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						35 0	off 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0						
Wind direction	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	W
Wind movement	7	9	9	8	8	10	10	13	17	16	18	20	23	21	20	17	12	8	9	11	12	12	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

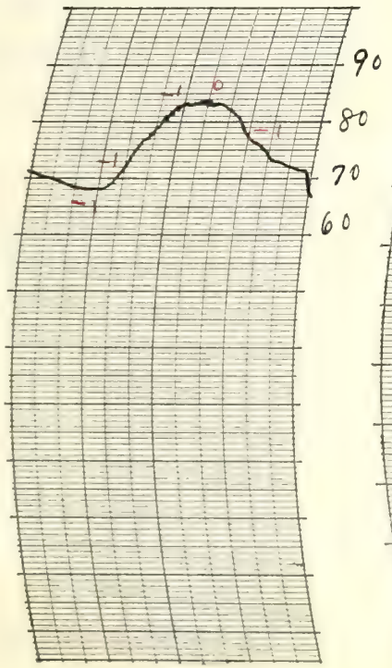
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	67	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 97
Prevailing wind direction, S Total wind, 310
Average hourly velocity, 12.9 Extreme velocity, 30
Maximum velocity, 28 Direction, S
Time began, 12:19 p.m.
Reduced barometer, 30.01 7 a. m. 29.85 7 p. m.
River gage, 5.1 ft
Relative humidity, 80 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 81.2 Wet temperature, 67.2
Dew-point, 60 R. humidity, 48 V. pressure, 517
Clouds: Amount, 1; Kind, Cu Ci St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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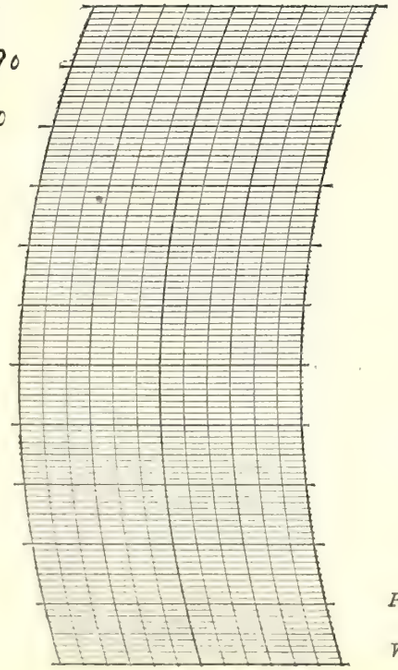
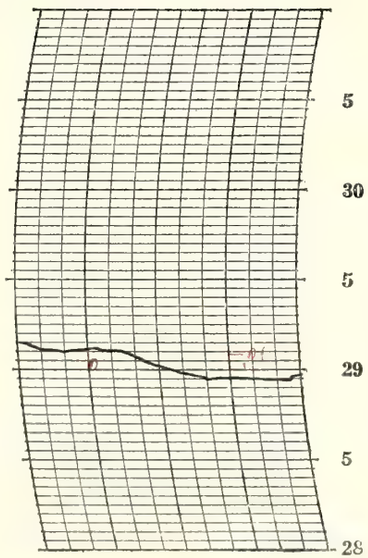


BAROGRAPH.



Prepared by OEK

Verified by E. L. H

8—486

NOTES

A light sprinkle of rain occurred in the early morning but the sky had cleared by sunrise. The sky remained mostly clear all day and until about 10:30 p.m. when it became overcast in a few minutes. The stars and moon visible in evening.

The weather was warm and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 3 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	64	63	62	62	62	62	63	60	64	67
Nature of precipitation and time of beginning and ending		RB DN	—	—	—	—	RE 6:15			RB 9:10 RE 9:55		
Amounts of precipitation		T	T	.02	.02	.01	T			T		
Cloudiness and other conditions		←					Cloudy				X	Pt Cldy
Sunrise: Time, Character,	5:40 Cloudy											
Moonrise:	12:50p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	1.0
Wind direction	W	N	SW	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	8	3	3	6	6	6	6	6	5	7	7	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	69	69	68	67	64	62	61	59	59	57	53
Nature of precipitation and time of beginning and ending											RB 10:05	RE DN
Amounts of precipitation											.06	T
Cloudiness and other conditions			X	Pt Cldy	X		Clear			X	Cldy	
Sunset: Time, Character,									5:20 Clear			
Moonset:									10:08p Cloudy			
Sunshine (in tenths of hours)	0.7	1.0	1.0	1.0	0.3	33 0						
Wind direction	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	10	11	9	8	6	6	7	8	9	14	8

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Pt Cloudy; Moon phase, First Quarter 8:02 p.m.

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 5.9 Possible sunshine, hours, 11.7

Per cent of possible sunshine, 50

Prevailing wind direction, SW Total wind, 175

Average hourly velocity, 7.3 Extreme velocity, 26

Maximum velocity, 25 Direction, SW

Time began, 10:13 p.m.

Reduced barometer, 29.89 7 a. m. 29.82 7 p. m.

River gage, 4.4 ft.

Relative humidity, 94 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

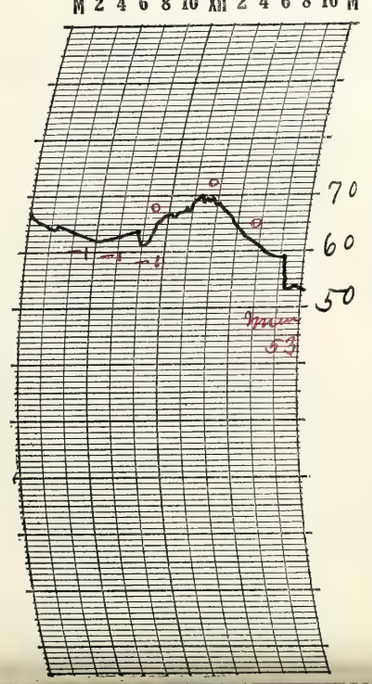
Dry temperature, 66.9 Wet temperature, 60.8

Dew-point, 57 R. humidity, 71 V. pressure, .465

Clouds: Amount, 7; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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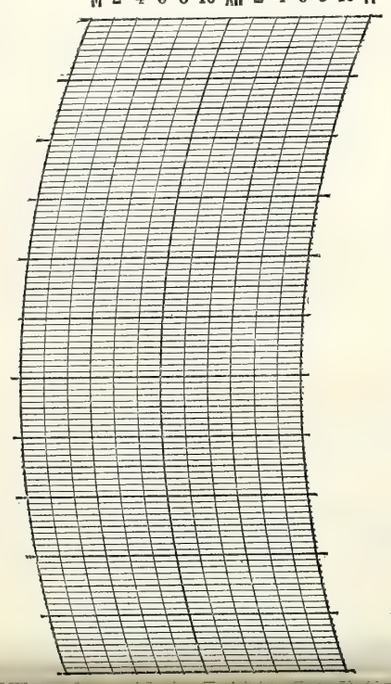

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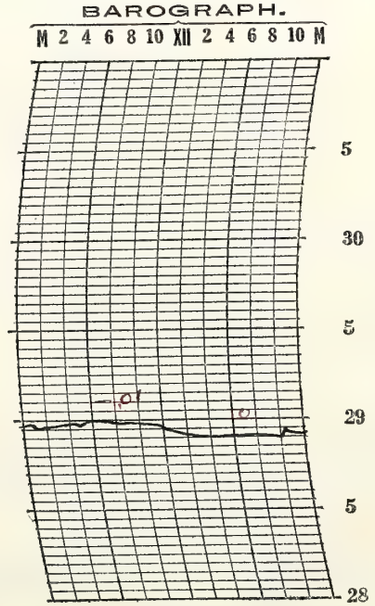


Prepared by O.G.P.

Verified by E.L.H.

8—486

NOTES

The weather was unsettled with showers during the forenoon. The sky was mostly clear in the afternoon and into the night till about 9:30 p.m. Stars bright and moon visible in evening. A thunderstorm began at 10:08 p.m and continued for about an hour.

The temperature averaged above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 4 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	50	50	49	51	53	53	58	61	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy?	←			Clear	×	Pt cldy	×	Clear	×	Pt cldy	×
Sunshine (in tenths of hours)						32 0	0.4 0.2	1.0	0.9	1.0	1.0	0.9
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW
Wind movement	10	15	11	10	9	9	10	11	11	9	11	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	64	65	64	63	61	60	58	56	55	54	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.7	32 0						
Wind direction	SW	W	SW	W	SW	SW	SW	SW	SW	S	S	S
Wind movement	13	13	11	11	8	4	5	6	6	6	7	7

Sunrise: Time, 5:41 Character, Clear
Moonrise: 1:50p Clear
Sunset: Time, 5:19 Character, Clear
Moonset: 11:06p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

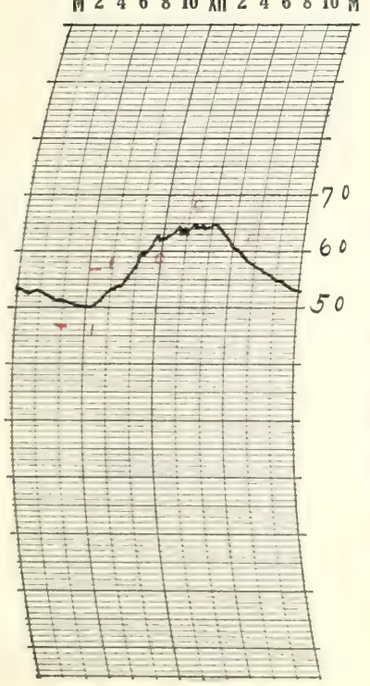
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	49	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.0 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 95
Prevailing wind direction, SW Total wind, 224
Average hourly velocity, 9.3 Extreme velocity, 21
Maximum velocity, 19 Direction, W
Time began, 1:30 am
Reduced barometer, 30.05 7 a. m. 30.12 7 p. m.
River gage, 3.2 ft.
Relative humidity, 85 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 61.1 Wet temperature, 52.9
Dew-point, 46 R. humidity, 58 V. pressure, 310
Clouds: Amount, 4; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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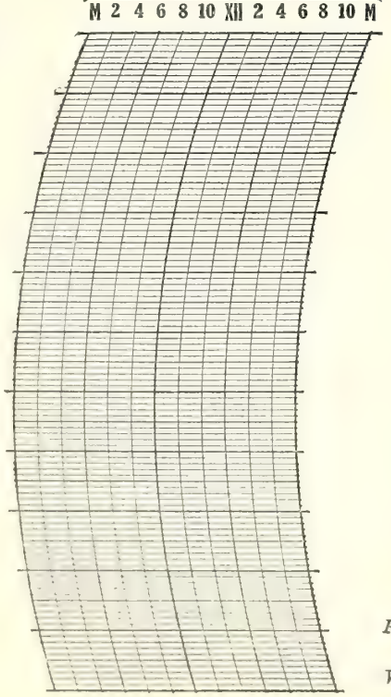

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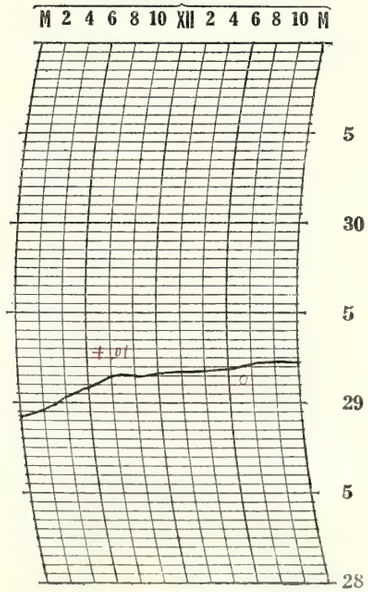


Prepared by O.E.P.

Verified by E. L. H.

8—486

NOTES

The sky was partly cloudy at times during the forenoon. Mostly clear during the afternoon and into the night. Stars bright. Dim moonlight.

The temperature was about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 5 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	51	51	50	52	59	64	67	69	70	72	74	73	72	70	67	66	64	63	62	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←											Clear	Clear											→
Sunshine (in tenths of hours)						30 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3 0.2	2.8 0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	S	S	S	S	S	SW	S
Wind movement	7	7	5	4	4	4	5	8	11	13	15	14	14	14	13	11	6	8	10	11	14	8	8	9

Sunrise: Time, 5:42 Character, Clear

Moonrise: 2:38p Clear

Sunset: Time, 5:17 Character, Clear

Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.9 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 94

Prevailing wind direction, S Total wind, 223

Average hourly velocity, 9.3 Extreme velocity, 19

Maximum velocity, 17 Direction, SS

Time began, 10:53 am

Reduced barometer, 30.21 7 a. m. 30.06 7 p. m.

River gage, 2.8 ft

Relative humidity, 71 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

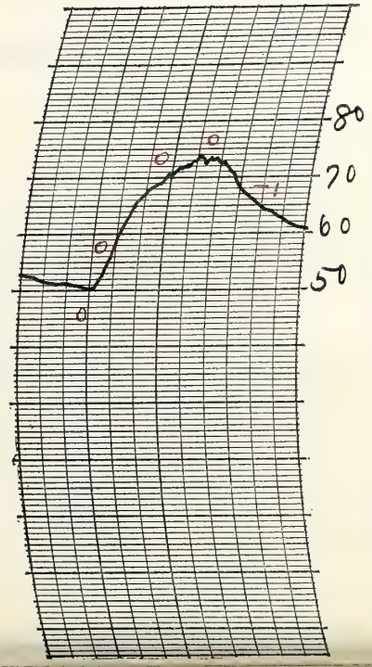
Dry temperature, 69.8 Wet temperature, 56.4

Dew-point, 46 R. humidity, 42 V. pressure, 31.0

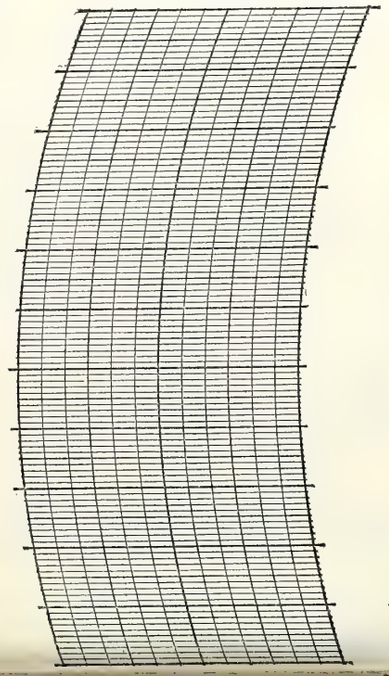
Clouds: Amount, 3; Kind, Cirr; Direction, W

Velocity of clouds (miles per hour)

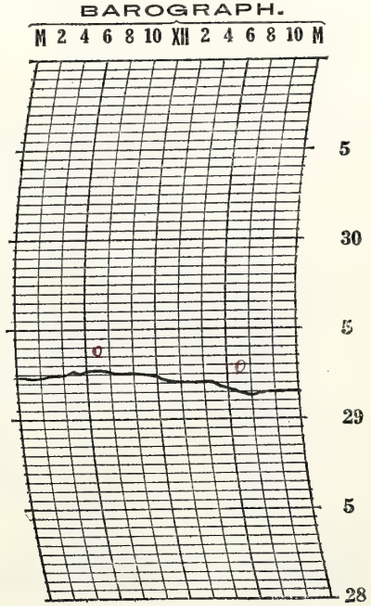
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OEP

Verified by E. L. H.

8—486

NOTES

The sky was mostly clear all day although thin upper clouds prevailed until late afternoon. Cloudless for a while in the evening. Stars bright. Dim moonlight. Some clouds after about 8:30 p.m.

The weather was fine with temperatures averaging above normal.

Solar halo, 22° radius, observed 10:00 am to about 5:00 p.m. Circle complete at times.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 6 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	56	55	54	57	62	67	74	77	78	75	79	79	78	76	74	73	72	72	73	74	73
State of weather: Nature of precipitation and time of beginning and ending													RB 12:00 RE 12:03 RB 12:50 RE 1:00 T											
Amounts of precipitation																								
Cloudiness and other conditions							Clear				X	Pt cldy	Cldy	X		Pt cldy	X			Cloudy				
Sunshine (in tenths of hours)						2.8 0	0.6 0.4	1.0	1.0	1.0	1.0	0.9	0.7	1.0	0.9	0.1	0	0						
Wind direction	S	SW	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	5	8	6	6	5	8	10	11	11	12	12	14	13	11	10	7	6	9	12	18	16	16	14

Sunrise: Time, 5:43; Character, Clear. Moonrise: 3:20 p, Cloudy.

Sunset: Time, 5:15; Character, Cloudy. Moonset: 12:11 a, Clear?

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

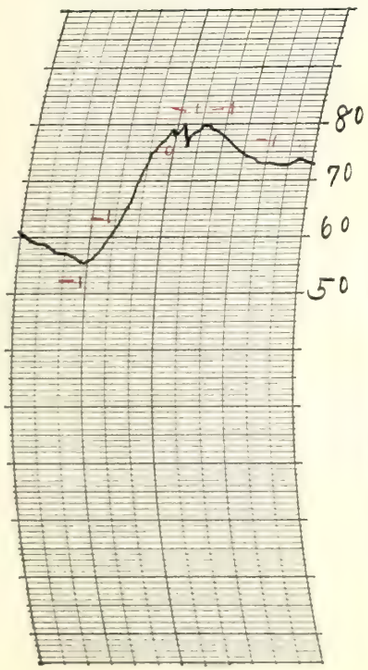
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.9 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 77
Prevailing wind direction, S Total wind, 248
Average hourly velocity, 10.3 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 8:35 p. m.
Reduced barometer, 30.12 7 p. m. 29.97 7 p. m.
River gage, 2.3 ft.
Relative humidity, 65 7 a. m. 58 7 p. m.

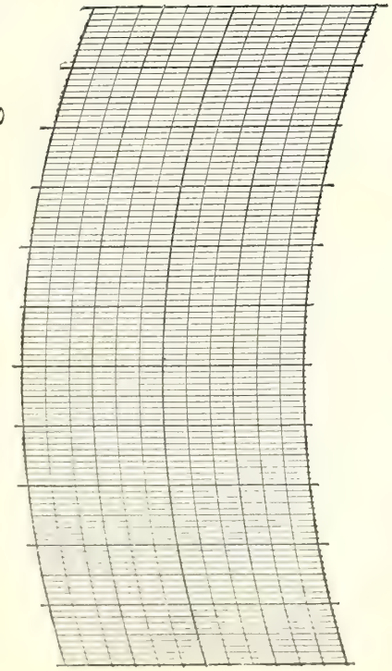
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 78.2 Wet temperature, 63.8
Dew-point, 55 R. humidity, 45 V. pressure, 432
Clouds: Amount, 4 (Few); Kind, Cu (Ci); Direction, SW
Velocity of clouds (miles per hour)

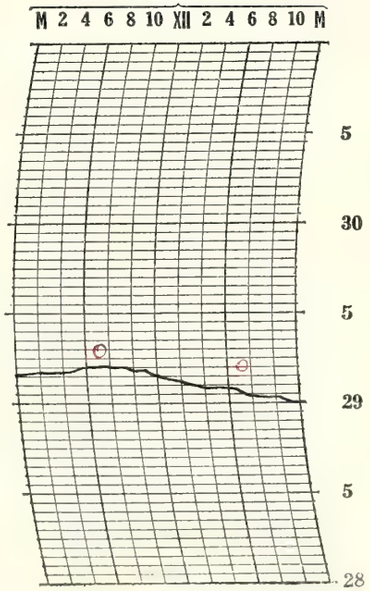
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.E.P.

Verified by E.L.H.

8—486

NOTES

The sky was mostly clear during the forenoon and partly cloudy to cloudy during the afternoon. Light sprinkles occurred between noon and 1:00 p.m. Mostly cloudy into the night. Portions of moon visible at times through the clouds.

The weather was warm and pleasant.

Solar halo, 22° radius, observed 9:30 am to about 3:30 p.m. — obscured at times by lower clouds.

Reflection from distant lightning in SE about 6:00 p.m. and in W. late at night.

Lunar corona observed at 9:00 p.m.

Lunar halo, 22° radius, observed 9:20 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	68	67	65	64	58	57	56	54	58	57	57	56	56	55	53	52	50	49	49	49	48
State of weather: Nature of precipitation and time of beginning and ending			RB DN	---	RE DN		RB 6:15	---	RE 8:10															
Amounts of precipitation			T	T	T		T	T	.01															
Cloudiness and other conditions			<				Cloudy						× Pt Cldy		× Cldy		× Pt Cldy		× Clear			× Cldy		>

Sunrise: Time, 5:44 Character, Cloudy
Moonrise: 3:57p Cloudy

Sunset: Time, 5:14 Character, Cloudy
Moonset: 1:23a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.7	0.7	0.6	0	0	0.3	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	N	N
Wind movement	12	17	13	13	12	11	12	13	11	12	12	12	12	11	13	11	13	13	11	8	8	8	6	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

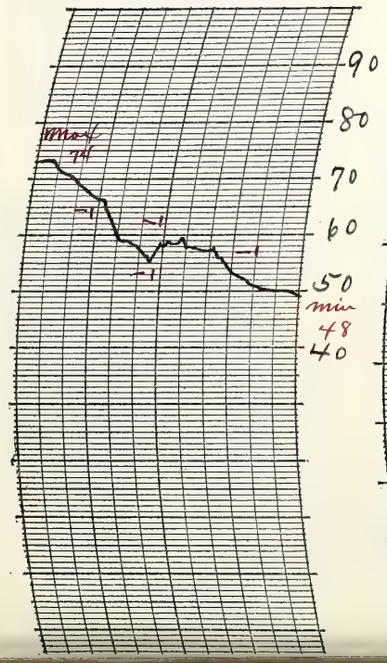
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	48	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.3 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 20
Prevailing wind direction, NW Total wind, 273
Average hourly velocity, 11.4 Extreme velocity, 27
Maximum velocity, 25 Direction, SW
Time began, 1:48 am
Reduced barometer, 29.96 7 a. m. 30.12 7 p. m.
River gage, 2.0 fall
Relative humidity, 95 7 a. m. 72 7 p. m.

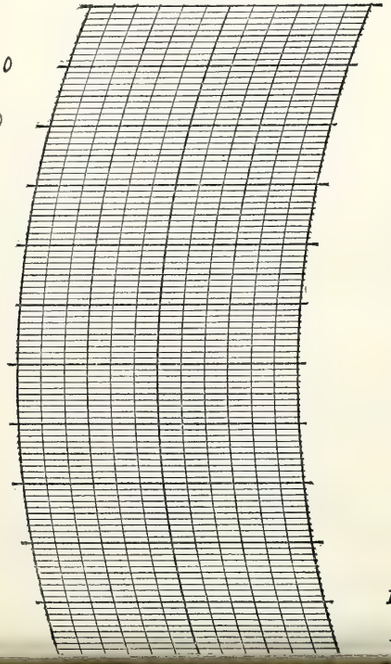
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.5 Wet temperature, 53.7
Dew-point, 50 R. humidity, 74 V. pressure, 3.60
Clouds: Amount, 9; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

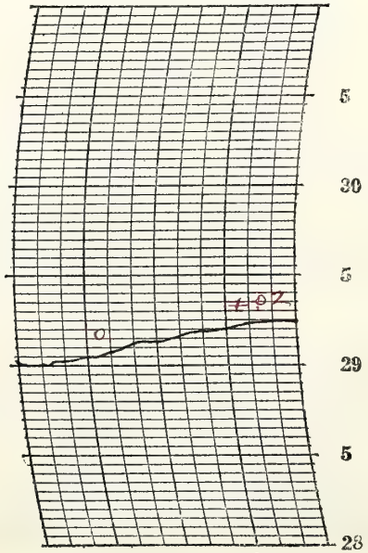
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.P.
Verified by E.L.H.

NOTES

Light showers occurred during the morning. The clouds broke up somewhat in the afternoon and there was some sunshine. The sky was clear at night with moonlight until nearly 8:00 p.m., after which it became cloudy.

It was warm in the early morning but rather cool after 7:00 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 8 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	47	47	46	45	49	50	52	53	56	58	59	59	59	58	57	56	54	52	50	48	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy				X						Clear											→
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	0 1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.3	2.0 0						
Wind direction	N	NW	NW	NW	N	N	N	N	NE	NE	NE	NE	N	N	N	N	N	N	E	E	SE	SE	SE	SE
Wind movement	7	6	5	5	4	5	5	8	6	4	6	5	4	4	4	4	4	2	2	1	1	1	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:45 Character, Cloudy
Moonrise: 4:30p Clear
Sunset: Time, 5:12 Character, Clear
Moonset: 2:37a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

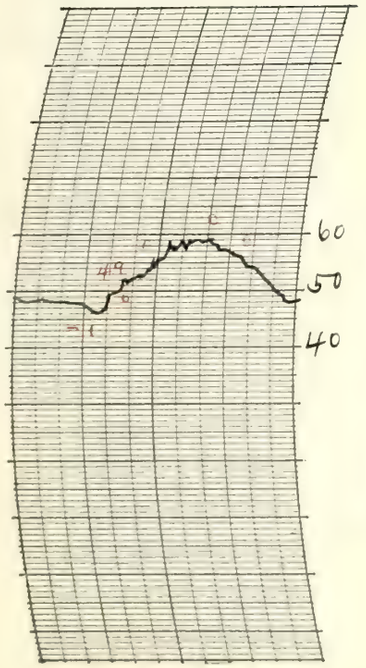
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	59	45	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.0 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 88
Prevailing wind direction, N Total wind, 96
Average hourly velocity, 4.0 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 7:43 am
Reduced barometer, 30.23 7 a. m. 30.10 7 p. m.
River gage, 1.8 ft
Relative humidity, 75 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.6 Wet temperature, 46.2
Dew-point, 36 R. humidity, 48 Few V. pressure, 211
Clouds: Amount, Few; Kind, St Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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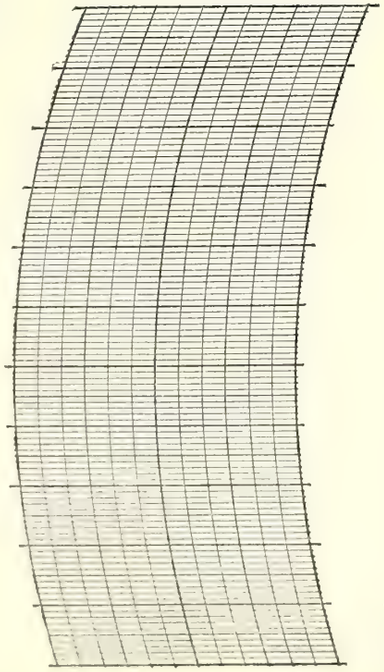
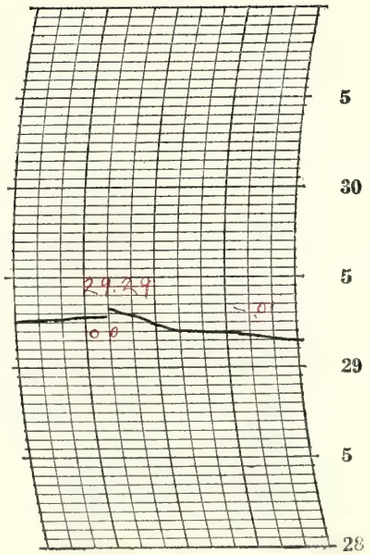


BAROGRAPH.



Prepared by O.E.P.

Verified by E.L.H.

8—486

NOTES

Sunshine by observation.

The sky was cloudy in the early morning but mostly clear after about 7:00 am. Clear into the night with moonlight.

Temperatures below the normal.

Frost warning issued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 9 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	43	42	44	47	50	55	59	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			<		Clear				X Pt cldy	X	Clear	
Sunshine (in tenths of hours)						2.3 0	0.4 0.2	0.6	0.2	0.8	1.0	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	3	3	3	6	6	6	6	8	5	7	12	10

Sunrise: Time, 5:46 Character, Clear
Moonrise: 5:01p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	63	62	62	58	55	52	51	50	48	47	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X	Pt cldy		X			Clear					>
Sunshine (in tenths of hours)	1.0	0.9	0.5	0.6	0.5 0	.16 0						
Wind direction	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	10	10	11	11	9	9	6	4	5	4	4

Sunset: Time, 5:10 Character, Clear
Moonset: 3:54a Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

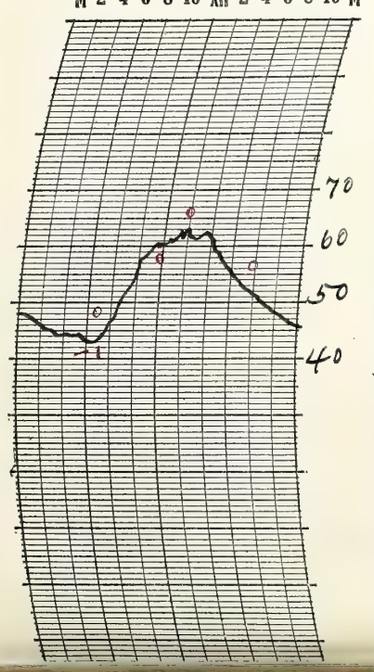
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	42	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.1 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 71
Prevailing wind direction, NW Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 10:10 am
Reduced barometer, 30.02 7 a. m. 30.01 7 p. m.
River gage, 1.5 ft
Relative humidity, 78 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.3 Wet temperature, 50.1
Dew-point, 41 R. humidity, 48 a cw V. pressure, .256 W
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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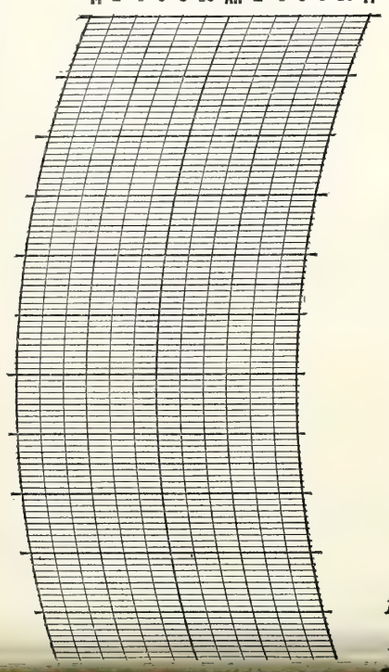
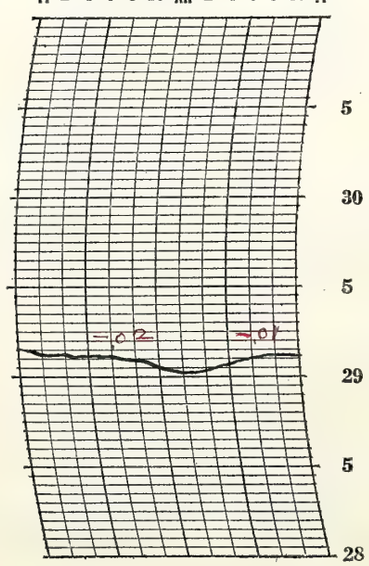


BAROGRAPH.



Prepared by O.A.P.
Verified by E.L.H.

NOTES

Light frost in early morning. There was considerable cloudiness at times especially during the afternoon but the day as a whole was clear. Clear into the night. Bright moonlight.

The weather was pleasant although it was rather cool.

Frost warning issued

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 10 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	42	41	40	41	43	46	51	53	56	57	59	61	60	59	57	56	54	53	51	49	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						.2 0	.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.6 0.4	0						
Wind direction	NW	NW	N	NE	NE	NE	NE	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	SE
Wind movement	3	4	4	4	4	5	4	8	7	5	5	6	5	6	8	7	7	3	3	6	4	5	4	6

Sunrise: Time, 5:47 Character, Clear
Moonrise: 5:31 p Clear
Sunset: Time, 5:09 Character, Cloudy
Moonset: 5:12 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

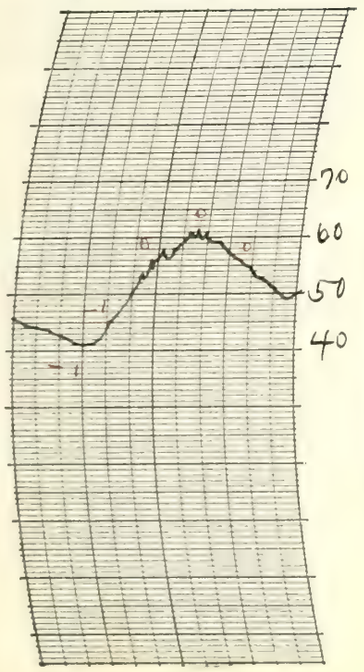
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full - 3:15 p. m
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.2 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 98
Prevailing wind direction, SE Total wind, 123
Average hourly velocity, 5.1 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 7:53 am
Reduced barometer, 30.12 7 a. m. 30.02 7 p. m.
River gage, 1.3 fl
Relative humidity, 94 7 a. m. 51 7 p. m.

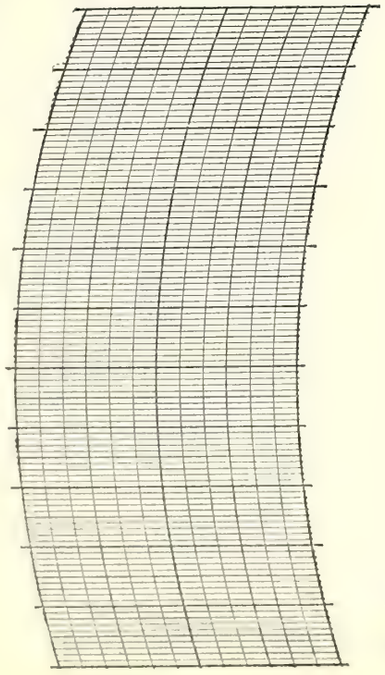
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____
Dew-point, ____ R. humidity, ____ V. pressure, ____
Clouds: Amount, ____; Kind, ____; Direction, ____
Velocity of clouds (miles per hour) ____

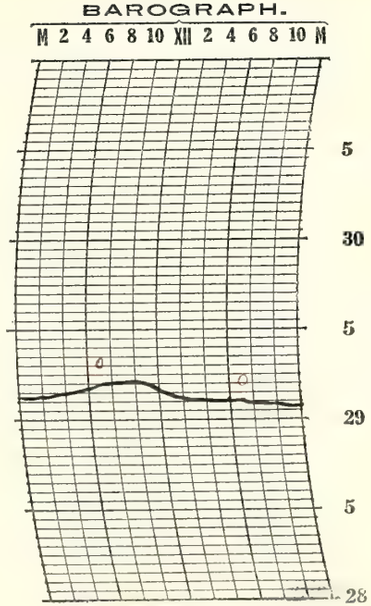
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.E.P.
Verified by E.L.H.

8—486

NOTES

Light frost in am.
Moonlight in early morning.
Only a small amount of cloudiness appeared during the day. Cloudless into the night
Bright moonlight from the full moon.

The weather was quite pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	49	48	47	50	55	61	66	69	72	73	73	74	73	72	70	69	67	66	65	65	68
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:00 RE 7:10	RB 8:08	- - - -	- - - -	Cont'd
Amounts of precipitation																				.01	.04	.12	.03	T
Cloudiness and other conditions							Clear					Ptly Cldy			Clear				Ptly Cldy			Cloudy		
Sunshine (in tenths of hours)						2.0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0						
Wind direction	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	S	SE	S
Wind movement	5	8	6	5	6	6	6	7	10	11	11	14	16	13	15	12	10	8	8	9	13	11	9	20

Sunrise: Time, 5:48; Character, Clear

Moonrise: 6:02 p Cloudy

Sunset: Time, 5:07; Character, Cloudy

Moonset: 6:30 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	47	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.2 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 90

Prevailing wind direction, S Total wind, 239

Average hourly velocity, 10.0 Extreme velocity, 24

Maximum velocity, 23 Direction, SE

Time began, 11:38 p.m.

Reduced barometer, 29.96 7 a. m. 29.73 7 p. m.

River gage, 0.9*

Relative humidity, 71 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

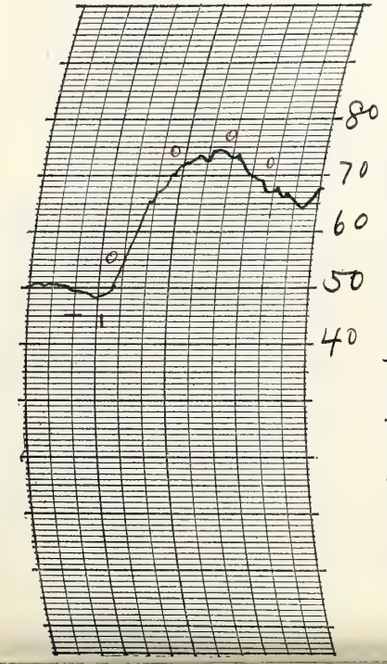
Dry temperature, 71.6 Wet temperature, 56.4

Dew-point, 44 R. humidity, 38 V. pressure, 28.7

Clouds: Amount, 3; Kind, ci cu a cu; Direction, SW SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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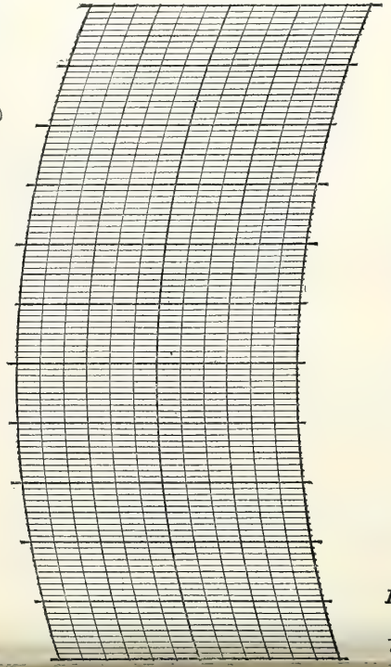
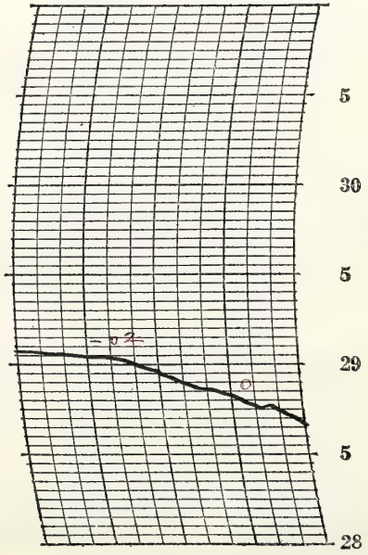


BAROGRAPH.



Prepared by O.E.K.

Verified by E.L.H.

NOTES

* Estimated; sand bar in river.

Moonlight in early morning.

There was more or less cloudiness after the early morning but for the day as a whole the sky was mostly clear. It clouded up rapidly about 7:00 p.m. and light showers occurred into the night.

The temperature rose rapidly from early morning and the weather was quite pleasant.

Solar halo, 22° radius, observed 12:35 p.m. to about 3:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	61	58	58	57	57	58	57	54	54	51	50
Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	RB 6:50		RE 8:55			RB 11:10
Amounts of precipitation	T	.26	.18	.06	.16	.01	T	T	.08			T
Cloudiness and other conditions			<			Cloudy						
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	SW	W*	S*	S	S	S	S	SW	W	W	W
Wind movement	19	15	8	3	9	10	11	12	17	10	18	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	56	56	46	46	46	46	45	45	45	45
Nature of precipitation and time of beginning and ending	RE 12:15				RB 4:20	RE 5:25						
Amounts of precipitation	T				.03	.01						
Cloudiness and other conditions		X	Pcldy	X	Cldy	X	Clear	X	Pcldy	X	Cldy	
Sunshine (in tenths of hours)	0.6	1.0	0.8	0.6	0	0						
Wind direction	W	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW
Wind movement	13	17	15	9	17	8	13	14	12	10	12	11

State of weather.

Sunrise: Time, 5:49 Character, Cloudy

Moonrise: 6:36p Cloudy

Sunset: Time, 5:06 Character, Cloudy

Moonset: 7:49a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .87 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .79 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 3.0 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 27

Prevailing wind direction, SW Total wind, 300

Average hourly velocity, 12.5 Extreme velocity, 29

Maximum velocity, 26 Direction, W

Time began, 4:23 p.m.

Reduced barometer, 29.48 7 a. m. 29.66 7 p. m.

River gage, 1.5 ft.

Relative humidity, 92 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

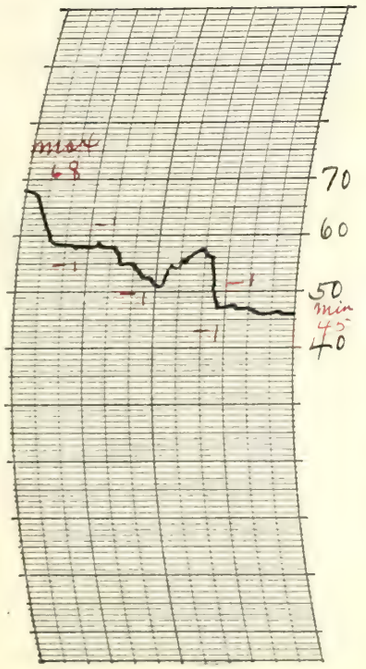
Dry temperature, 50.2 Wet temperature, 48.0

Dew-point, 46 R. humidity, 86 V. pressure, 310

Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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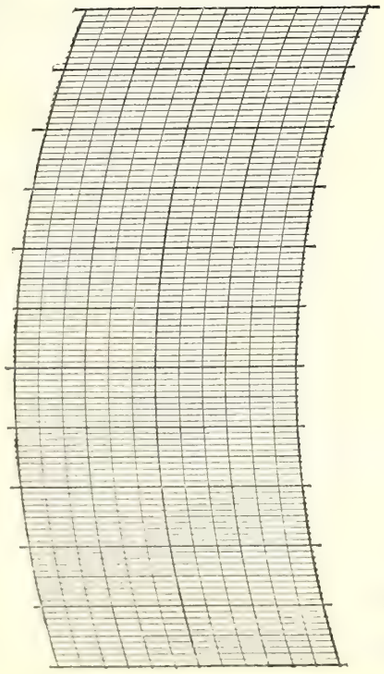
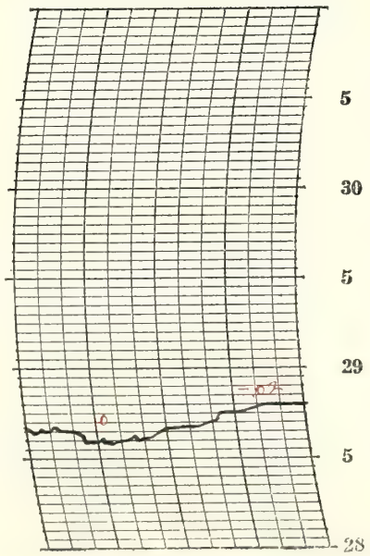


BAROGRAPH.



Prepared by E. E. T.

Verified by E. L. H.

8—486

NOTES

*Direction interpolated

A thunderstorm occurred during the night a.m. Moderately heavy rain occurred in the early morning and light showers continued at intervals during the day. Some sunshine recorded during p.m. A "squall line" passed the station from about West, southward at 4:20 p.m. accompanied by some wind and a light shower. The sky was mostly clear with moonlight in the evening but it was overcast again at 10:00 p.m.

The highest temperatures occurred in the early morning. It became quite cool in the evening.

Frost warning issued

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 13 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	44	41	43	43	43	44	44	44	44	46	45	45	44	45	44	44	44	44	44	44	43
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN		RB 6:15	RE 7:15							RB 2:16	—	—	—	RE 6:10					
Amounts of precipitation				.04	.04		T	T							T	T	T	T	T					
Cloudiness and other conditions												Cloudy												

Sunrise: Time, 5:51 Character, Cloudy
Moonrise: 7:14p Cloudy
Sunset: Time, 5:04 Character, Cloudy
Moonset: 9:06a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.1	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	SW	W	W	W	W	W	W	W
Wind movement	11	11	12	12	10	13	12	11	10	12	13	12	12	14	13	11	9	11	10	9	11	8	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	40	43	

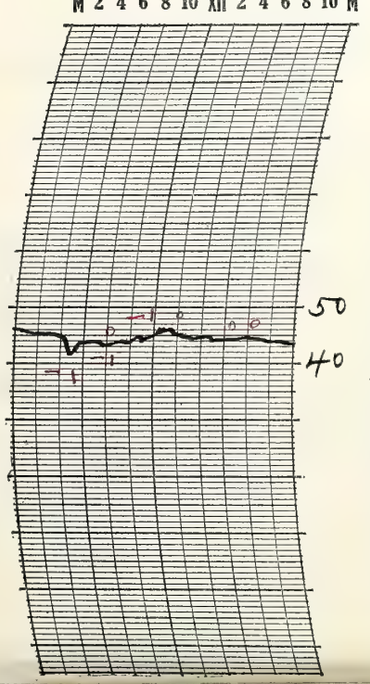
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 1
Prevailing wind direction, W Total wind, 264
Average hourly velocity, 11.0 Extreme velocity, 18
Maximum velocity, 18 Direction, W
Time began, 10:50 am
Reduced barometer, 29.80 7 a. m. 30.06 7 p. m.
River gage, 2.7 ft
Relative humidity, 87 7 a. m. 82 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 44.5 Wet temperature, 40.1
Dew-point, 35 R. humidity, 69 V. pressure, .203
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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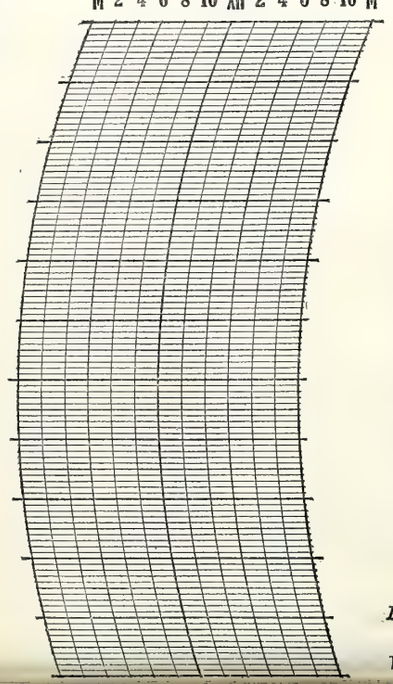
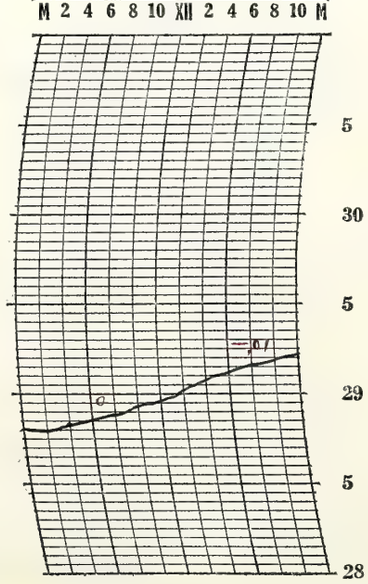


BAROGRAPH.



Prepared by C.A.R.
Verified by E.L.H.

NOTES

The sky was heavily clouded the greatest part of the day. A slight shower occurred in the early morning and light sprinkles later in the day. Mostly cloudy into the night.

The weather was rather cool and there was only a small range in temperature

Frost warning issued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	44	44	44	44	44	46	47	49	50	50	51	51	50	50	48	46	45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy				Pt Cldy				Cldy		Pt Cldy				Clear			
Sunshine (in tenths of hours)						0	0	0	0	0.4	1.0	1.0	0	0	0	0	0.3 0	.03 0						
Wind direction	W	W	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	8	7	6	6	6	5	5	7	7	10	9	8	7	7	6	7	6	6	5	5	7	7	6	6
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 5:52 Character, Cloudy
Moonrise: 7:58 p Clear
Sunset: Time, 5:02 Character, Clear
Moonset: 10:21 a Cloudy

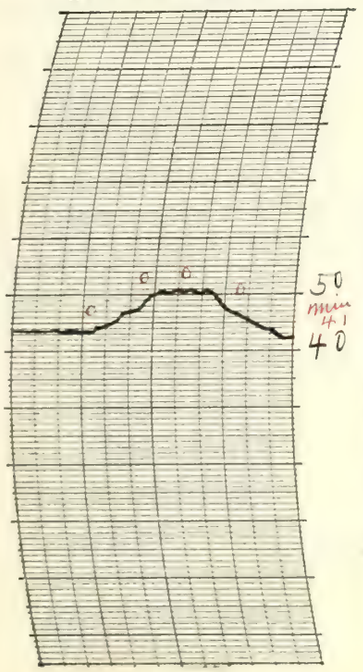
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	41	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 27 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 24
Prevailing wind direction, SW Total wind, 159
Average hourly velocity, 6.6 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 9:18 am
Reduced barometer, 30.29 7 a. m. 30.36 7 p. m.
River gage, 2.4 ft.
Relative humidity, 76 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 50.3 Wet temperature, 43.1
Dew-point, 35 R. humidity, 55 V. pressure, .203
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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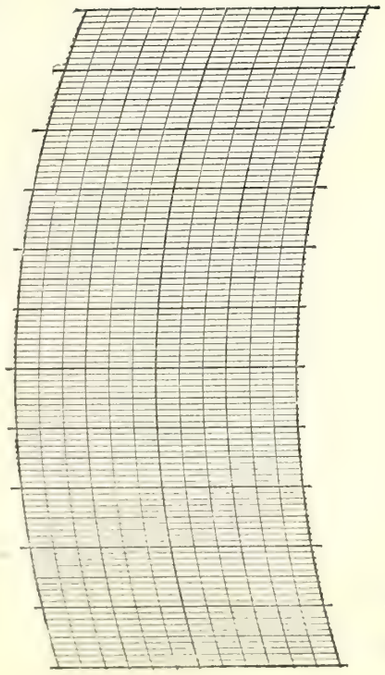
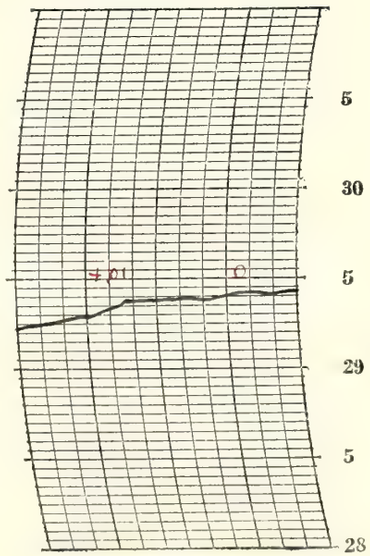


BAROGRAPH.



Prepared by CEP
Verified by E. L. H.

8—486

NOTES

There was considerable cloudiness during the day. The sky cleared in the evening and was cloudless into the night. Moonlight.

The weather was rather cool.

Frost warning issued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 15 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	39	39	38	38	40	45	49	54	57	59	62	63	64	63	62	59	57	56	56	57	56	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<							Clear									×		Cloudy		
Sunshine (in tenths of hours)						1.2 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.2 0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	S	S	SW	SW	W
Wind movement	5	5	6	6	7	6	9	11	12	14	17	15	18	19	19	17	16	9	9	9	10	10	5	6

Sunrise: Time, 5:53 Character, Clear
Moonrise: 8:48p Cloudy
Sunset: Time, 5:01 Character, Clear
Moonset: 11:30a Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

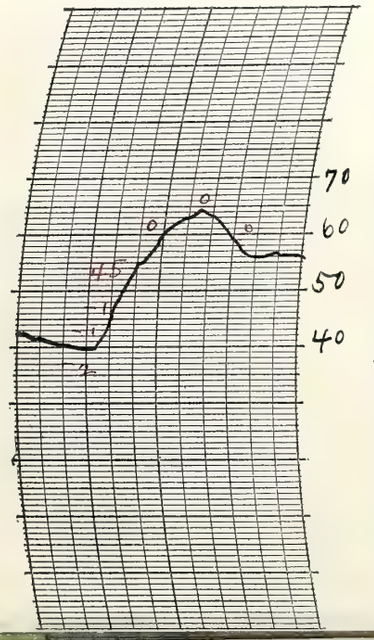
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	38	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.1 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 260
Average hourly velocity, 10.8 Extreme velocity, 26
Maximum velocity, 24 Direction, S
Time began, 2:10 p.m.
Reduced barometer, 30.36 7 a. m. 30.13 7 p. m.
River gage, 2.3 ft.
Relative humidity, 77 7 a. m. 61 7 p. m.

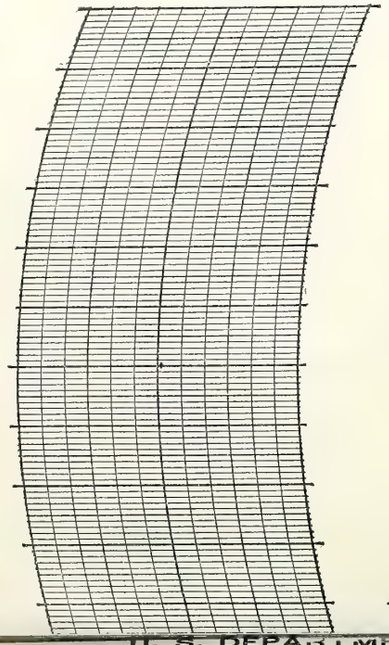
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.0 Wet temperature, 48.5
Dew-point, 38 R. humidity, 45 V. pressure, .228
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

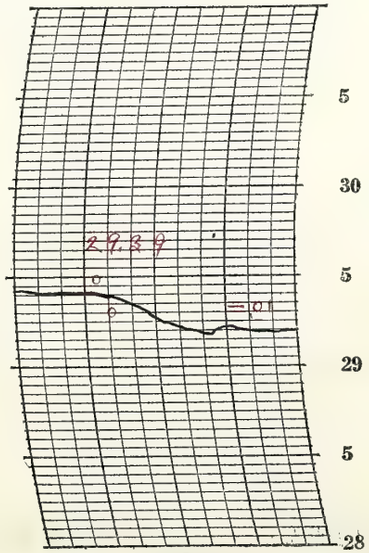
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
E.J.H.

NOTES

Moonlight in early morning. Heavy frost occurred in the early morning. Only a few clouds appeared during the day but it became overcast shortly after the 7:00 p.m. observation and continued cloudy into the night.

It was cool in the morning but the temperature rose rapidly and the afternoon and evening were quite pleasant.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 16 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	53	52	51	48	46	47	49	51	53	55	56	57	56	56	54	53	51	48	46	45	44	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<		Pt cloudy X					Clear						X		Pt cldy X			Clear		
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0							
Wind direction	W	NW	NW	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	5	7	8	7	11	11	10	12	15	13	10	10	10	11	10	11	7	9	8	9	8	7	8	6

Sunrise: Time, 5:54 Character, Cloudy
Moonrise: 9:45p Clear
Sunset: Time, 4:59 Character, Cloudy
Moonset: 12:32p Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

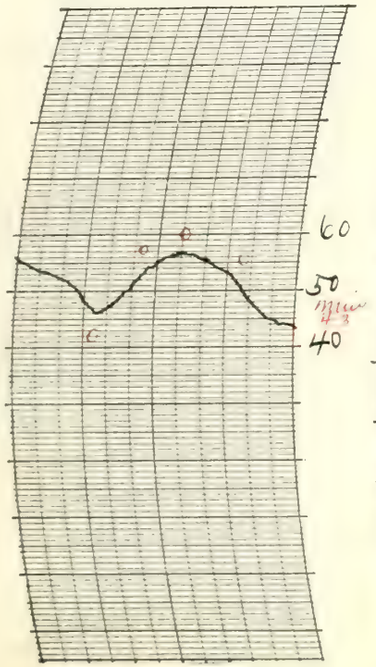
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 8.5 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 77
Prevailing wind direction, N Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 21
Maximum velocity, 20 Direction, N
Time began, 7:51 am
Reduced barometer, 30.23 7 a. m. 30.227 p. m.
River gage, 2.1 ft
Relative humidity, 80 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.9 Wet temperature, 42.9
Dew-point, 28 R. humidity, 34 V. pressure, .150
Clouds: Amount, 1; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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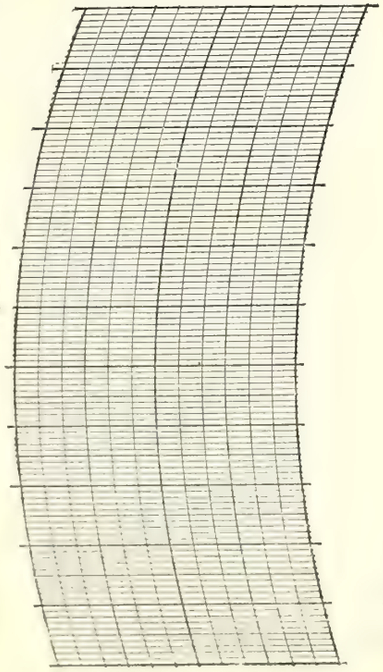
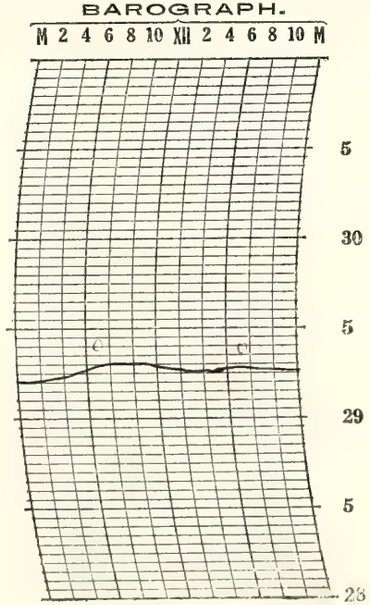


BAROGRAPH.



Prepared by E.E.R.
Verified by E.L.A.

8—486

NOTES

The sky was partly cloudy in the early morning and also for a while in the evening. It was mostly clear during the day and clear late at night. Stars bright.

The weather was pleasant although the north wind was rather cool.

Frost warning issued.

Solar halo, 22° radius, observed 6:30 am till about 7:10 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 17 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	38	38	37	36	38	41	43	44	45	46	46	47	48	48	46	46	46	45	45	44	43	43
State of weather: Nature of precipitation and time of beginning and ending																RB 3:48	RE 4:06							
Amounts of precipitation																T	T							
Cloudiness and other conditions						Pt cldy			Clear			Pt cloudy				X		Cloudy						

Sunrise: Time, 5:55 Character, Cloudy

Moonrise: 10:47p Cloudy

Sunset: Time, 4:58 Character, Cloudy

Moonset: 1:24p Cloudy

Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	0.7	0.1	0	0.6	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	5	4	5	5	4	6	9	9	12	12	11	10	11	11	13	10	10	8	8	7	8	11	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase, Last Quarter 8:32 am

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 4.8 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 44

Prevailing wind direction, N Total wind, 209

Average hourly velocity, 8.7 Extreme velocity, 18

Maximum velocity, 17 Direction, N

Time began, 5:48 p.m.

Reduced barometer, 30.227 a. m. 30.23 7 p. m.

River gage, 1.9 ft

Relative humidity, 71 7 a. m. 65 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

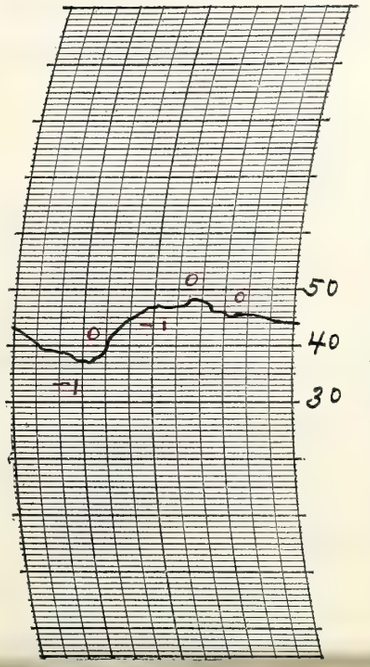
Dry temperature, 46.4 Wet temperature, 39.5

Dew-point, 31 R. humidity, 54 V. pressure, .172

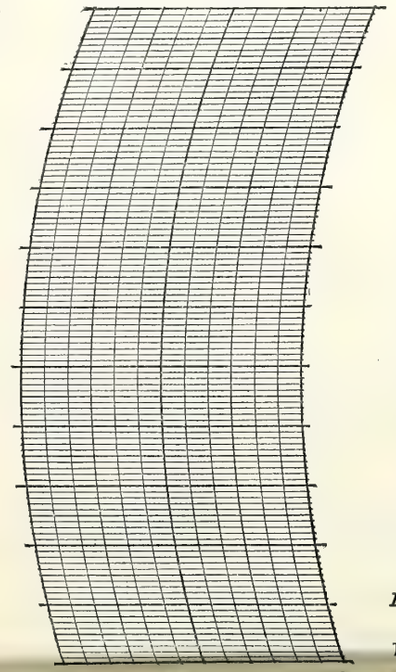
Clouds: Amount, 6; Kind, St cu; Direction, N

Velocity of clouds (miles per hour)

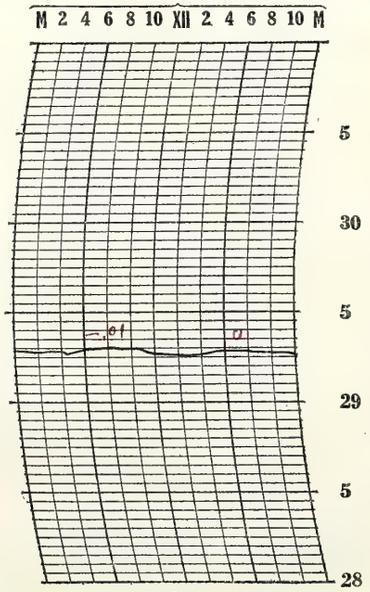
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.

Verified by E.L.H.

NOTES

The amount of clouds varied somewhat during the day and the day as a whole was partly cloudy. A light sprinkle of rain fell in the late afternoon. Mostly cloudy into the night.

A light frost occurred in the early morning and it remained rather cool all day.

The word "cease" was added to the a.m. signal report.

S—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	38	37	37	36	38	42	44	46	47	47	48	48	48	48	47	46	44	42	41	40	40	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear					Partly				Cloudy							Clear		
Sunshine (in tenths of hours)						.07 0	.06 .04	1.0	1.0	0.9	0.3	0	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	NW	N	N	N	N	N	NW	NW	NW	NW	NW	NW
Wind movement	9	9	8	8	8	9	9	11	11	14	14	13	12	11	9	9	8	7	6	6	6	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:56 Character, Clear
Moonrise: 11:49p Clear
Sunset: Time, 4:56 Character, Cloudy
Moonset: 2:07p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

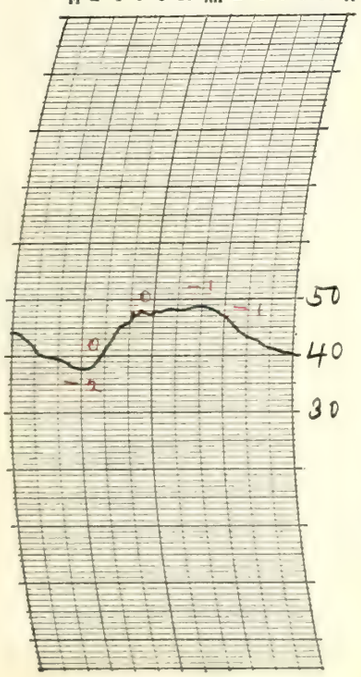
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.3 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 39
Prevailing wind direction, N Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 17
Maximum velocity, 17 Direction, N
Time began, 9:38 am
Reduced barometer, 30.22 7 a. m. 30.10 7 p. m.
River gage, 1.6 ft.
Relative humidity, 89 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.1 Wet temperature, 41.2
Dew-point, 34 R. humidity, 61 V. pressure, 1.95
Clouds: Amount, 8; Kind, Stcu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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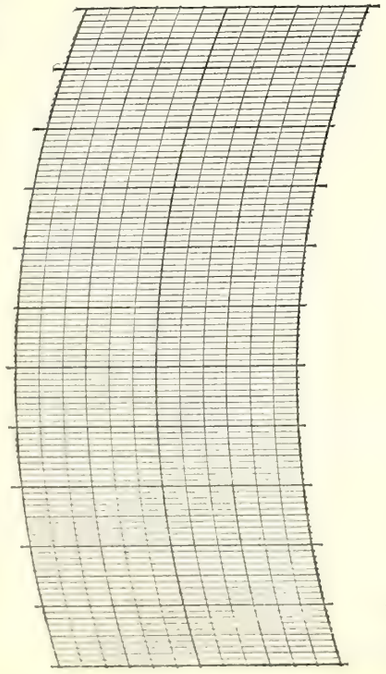
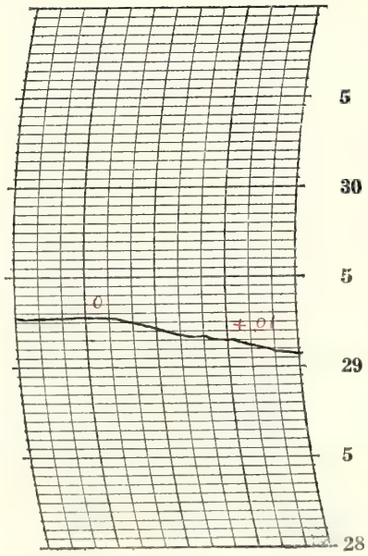


BAROGRAPH.



Prepared by E.G.P.

Verified by E.L.A.

8—486

NOTES

Killing frost in am.
The sky was mostly clear from early morning until 10:00 am when the cloudiness increased. Mostly cloudy during the afternoon and clear after about 6:00 p. m. Cloudless into the night. Stars brilliant.

The weather continued rather cool with a noticeable north wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 19 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	36	36	35	37	39	43	47	52	54	57	60	61	61	58	55	53	52	51	50	50	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←			Clear	X		Cldy	X			=	Clear										→
Sunshine (in tenths of hours)						0.5 0	0.6 0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.2							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW
Wind movement	8	7	7	7	8	8	6	7	8	11	16	19	18	18	17	15	10	11	13	12	13	12	11	9

Sunrise: Time, 5:57; Character, Clear. Moonrise: —

Sunset: Time, 4:55; Character, Cloudy. Moonset: 2:41 p; Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	35	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 8.0 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 73

Prevailing wind direction, NW Total wind, 271

Average hourly velocity, 11.3 Extreme velocity, 25

Maximum velocity, 24 Direction, NW

Time began, 11:23 am

Reduced barometer, 29.94 7 a. m. 29.81 7 p. m.

River gage, 1.5 ft.

Relative humidity, 87 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

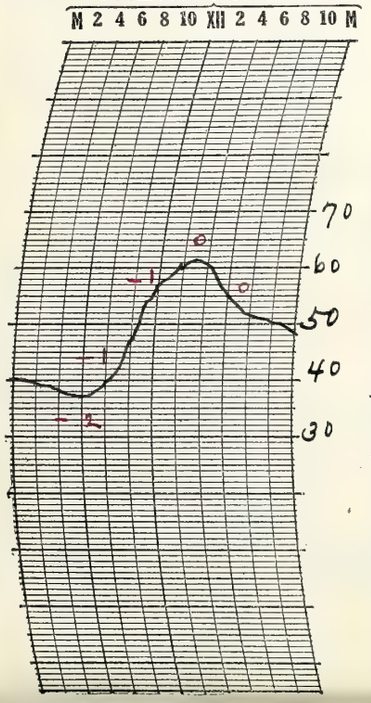
Dry temperature, 54.1 Wet temperature, 47.3

Dew-point, 40 R. humidity, 60 V. pressure, .247

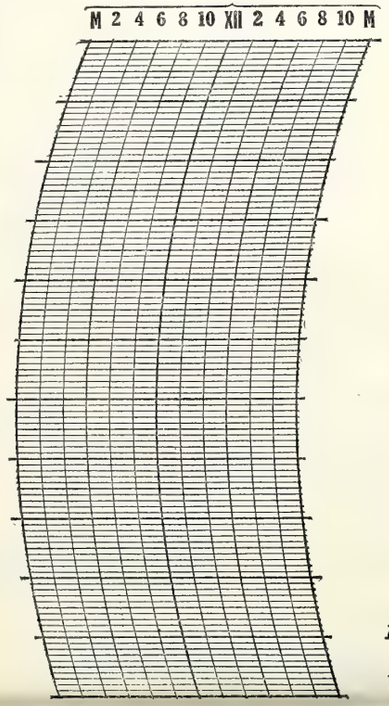
Clouds: Amount, Few; Kind, Strat; Direction, NW

Velocity of clouds (miles per hour)

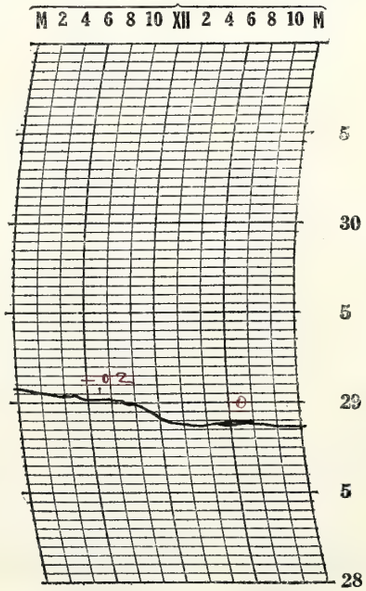
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.H.R.

Verified by E.L.H.

8—486

NOTES

The sky was mostly cloudy in the forenoon from about 7:00 am to about 9:00 am. and mostly clear at other times. Cloudless into the night. Stars brilliant.

It was rather cool in the early morning but the temperature rose rapidly and it became quite pleasant in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 20 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	46	46	46	45	45	48	52	58	61	65	68	68	70	70	67	65	63	62	60	57	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)						0.3 0	0.8 0.2	* 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.78 0.1							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	SW	W	W	W	W	W	W	W	NW
Wind movement	8	9	8	8	9	5	6	8	9	11	13	14	15	17	15	10	10	9	9	8	9	9	9	10

Sunrise: Time, 5:58 Character, Clear
Moonrise: 12:53a Clear
Sunset: Time, 4:53 Character, Clear
Moonset: 3:11p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

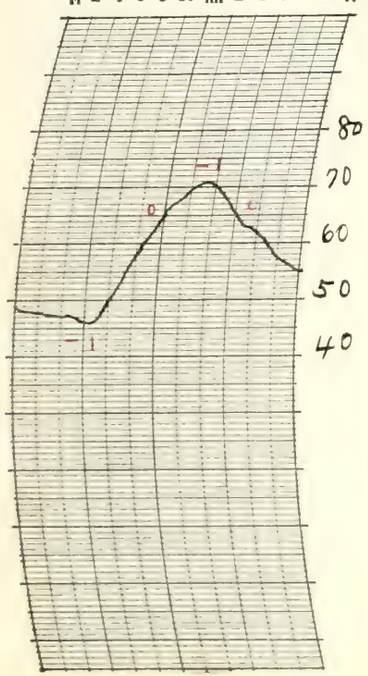
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	45	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.9 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 238
Average hourly velocity, 9.9 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 12:03 p. m.
Reduced barometer, 29.81 7 a. m. 29.71 7 p. m.
River gage, 1.8 ft 8
Relative humidity, 89 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 64.9 Wet temperature, 52.7
Dew-point, 42 R. humidity, 43 V. pressure, 26.6
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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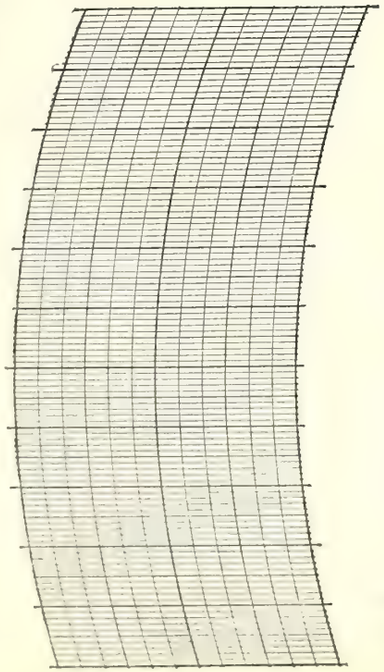
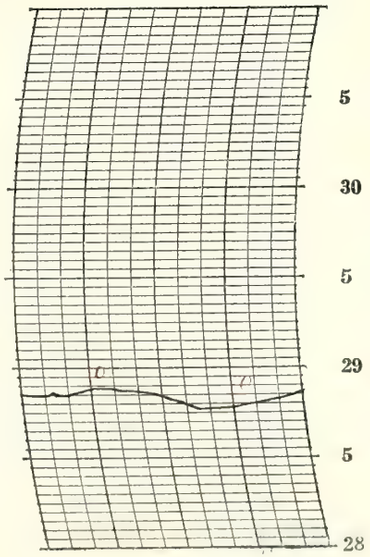


BAROGRAPH.



Prepared by C.A.P.
Verified by E. L. A.

8—486

NOTES

*Estimated; sand bar in river
*By observation.
The sky was cloudless all day except for a few thin upper clouds which appeared in the evening. Cloudless into the night. Stars brilliant.

The weather was fine with temperatures above the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 21 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	49	48	47	46	48	51	53	55	56	58	59	59	58	57	54	52	50	49	47	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						.02 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.87 0							
Wind direction	NW	NW	NW	NW	NW	NW	W	W	NW	NW	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	10	8	6	8	9	7	7	8	12	13	14	16	16	17	16	14	10	5	5	5	8	9	8	8

Clear

Sunrise: Time, 5:59 Character, Clear
Moonrise: 1:54a Clear

Sunset: Time, 4:52 Character, Clear
Moonset: 3:38p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

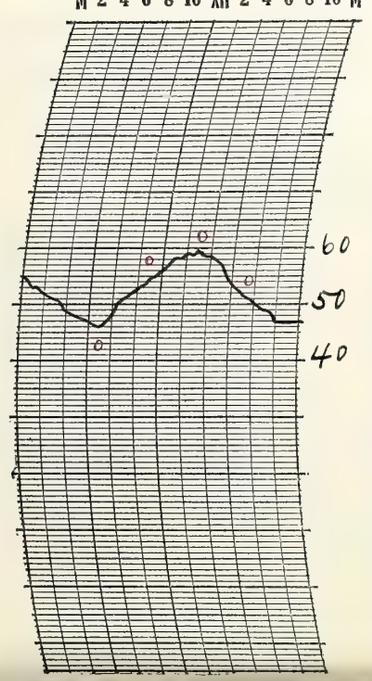
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	46	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.9 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 21
Maximum velocity, 20 Direction, W
Time began, 2:37 p.m.
Reduced barometer, 29.91 7 a. m. 29.90 7 p. m.
River gage, 1.0 ft 0
Relative humidity, 70 7 a. m. 46 7 p. m.

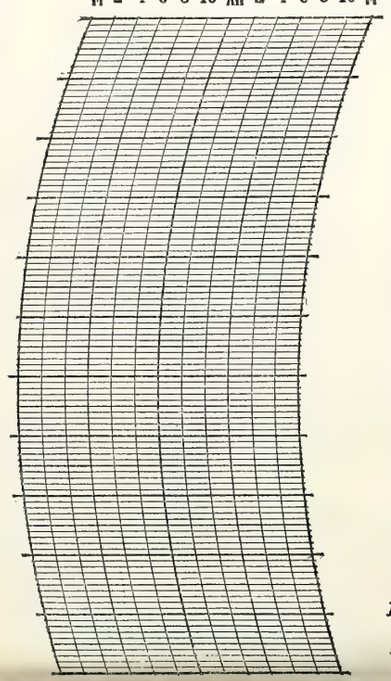
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.1 Wet temperature, 45.3
Dew-point, 33 R. humidity, 41 V. pressure, .187
Clouds: Amount, Few; Kind, Cirst; Direction, NW
Velocity of clouds (miles per hour)

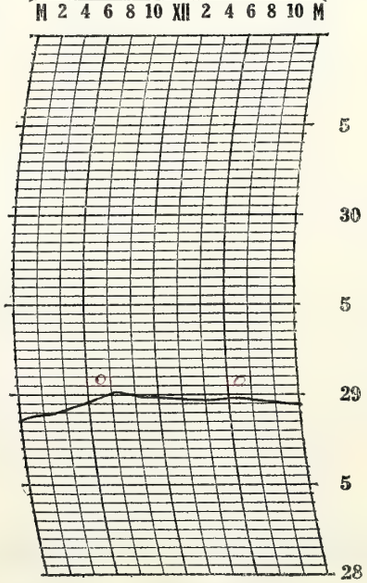
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.

Verified by E.L.H.

NOTES

Estimated 8 and bar in river.
A few light upper clouds prevailed during the day. Clear into the night. Stars brilliant.

The weather was quite pleasant.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 22 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	45	45	46	49	50	57	63	66	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunshine (in tenths of hours)							1.00 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	12	12	12	14	13	15	14	14	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	77	78	78	74	70	67	65	63	62	61	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.75 0.1							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	16	14	10	7	5	9	12	13	11	10	10

Sunrise: Time, 6:00 Character, Clear
Moonrise: 2:54a Clear
Sunset: Time, 4:51 Character, Clear
Moonset: 4:01p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

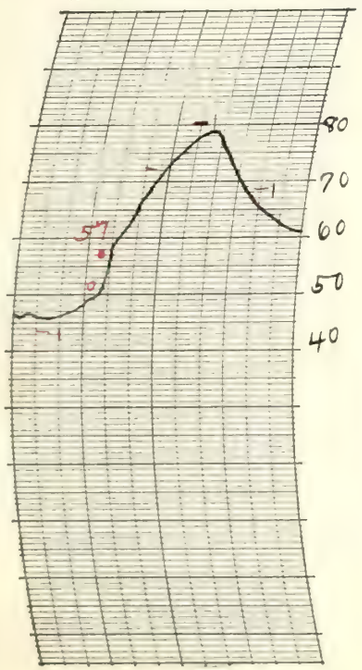
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.8 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 287
Average hourly velocity, 12.0 Extreme velocity, 21
Maximum velocity, 19 Direction, SW
Time began, 11:46 am
Reduced barometer, 29.76 7 a. m. 29.68 7 p. m.
River gage, 0.98
Relative humidity, 62 7 a. m. 48 7 p. m.

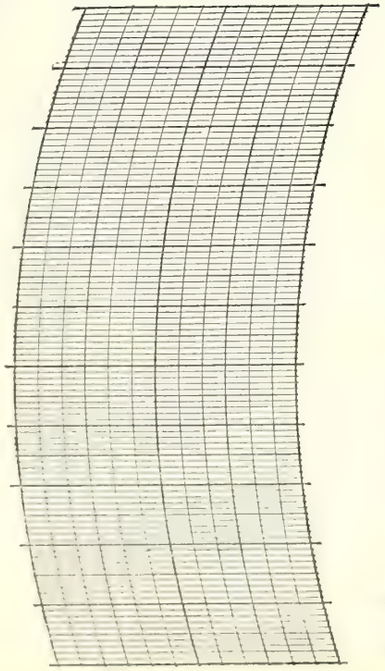
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.4 Wet temperature, 56.1
Dew-point, 44 R. humidity, 37 V. pressure, 287
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

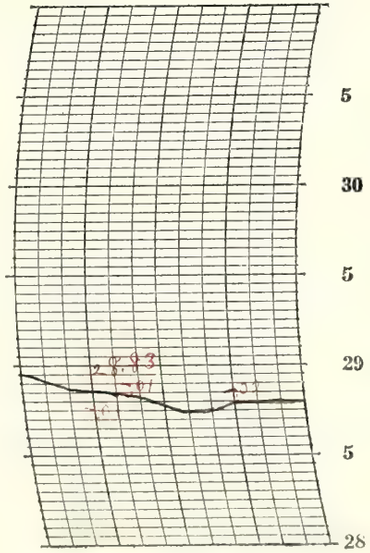
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.E.R.

Verified by E.L.A.

8—486

NOTES

Estimated, sand bar in river
No clouds appeared during the day. Cloudless into the night. Stars bright.

The weather was fine with the p. m. temperatures considerably above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 23 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	55	55	55	56	60	62	65	67	68	69	69	68	65	63	60	57	56	54	53	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	9	9	9	8	9	6	8	9	8	7	11	11	12	10	10	7	6	6	6	5	3	2	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:02 Character, Cloudy
Moonrise: 3:54a Clear

Sunset: Time, 4:49 Character, Clear
Moonset: 4:23p Clear

Clouds: Haze, Clear

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

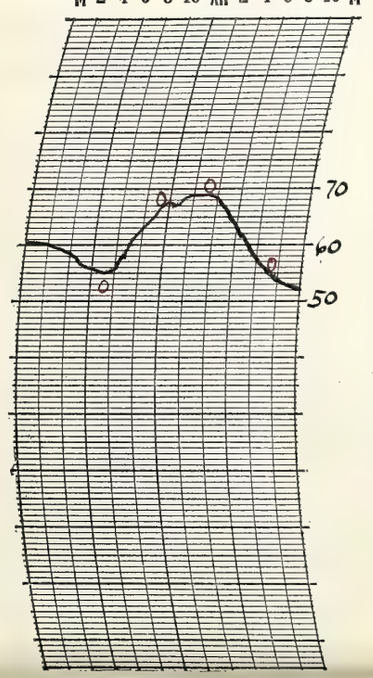
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	52	60	

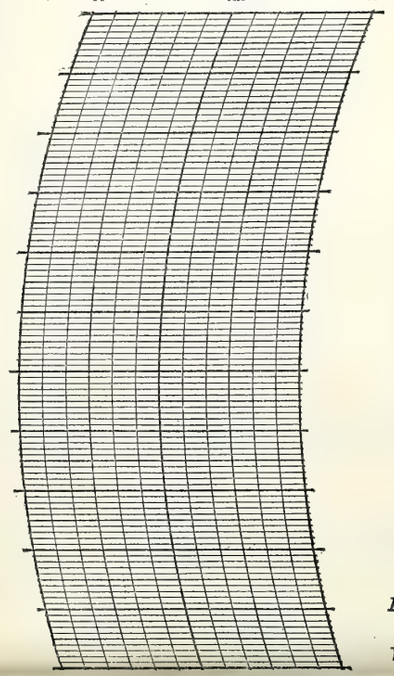
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.0 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 83
Prevailing wind direction, NW Total wind, 182
Average hourly velocity, 7.6 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 1:09 p.m.
Reduced barometer, 29.971 7 a. m. 29.917 p. m.
River gage, 0.8 ft 0
Relative humidity, 78 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 67.1 Wet temperature, 58.2
Dew-point, 52 R. humidity, 58 V. pressure, 387
Clouds: Amount, 5; Kind, Lt Haze; Direction, —
Velocity of clouds (miles per hour)

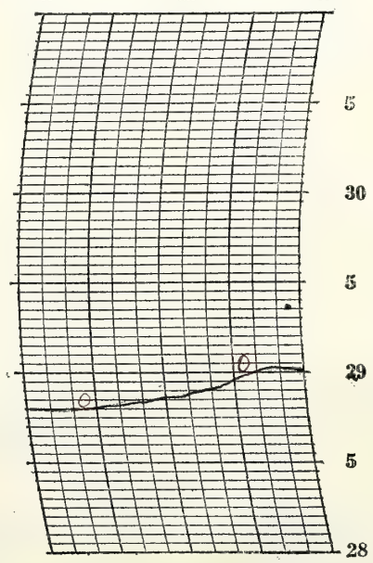
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by E.L.H.

NOTES

*Estimated; sandbar in river.

There was some cloudiness in the early morning and also later in the day but the sky remained mostly clear the greater part of the time. Light haze prevailed during the middle of the day. Clear into the night, Stars visible.

The day was pleasant with temperatures above normal.

3—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 24 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	48	46	45	43	42	42	46	54	62	68	69	72	73	72	72	68	66	64	62	58	57	56	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				←			4+ Fog					→												
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)							0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0							
Wind direction	NW	NW	NW	NW	NW	W	SW	S	SW	SW	SW	W	W	W	W	NW	NW	NW	NW	N	N	N	NE	NE
Wind movement	2	2	3	1	4	4	5	7	7	9	7	10	11	10	10	6	4	3	3	4	6	5	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:03 Character, Cloudy
Moonrise: 4:52a Cloudy
Sunset: Time, 4:48 Character, Cloudy
Moonset: 4:45p Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

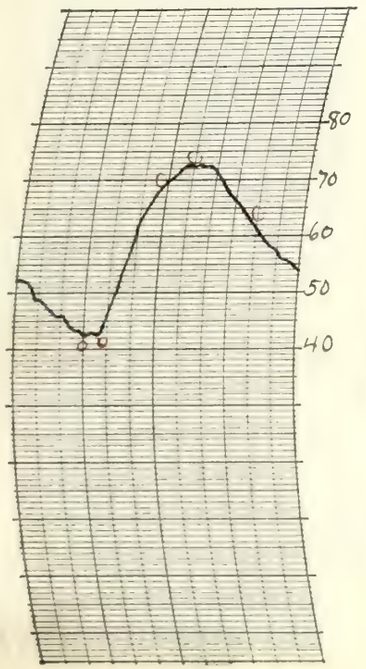
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	42	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.6 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 80
Prevailing wind direction, NW Total wind, 141
Average hourly velocity, 5.9 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 12:54 pm
Reduced barometer, 30.02 7 a. m. 30.067 p. m.
River gage, 0.6 0
Relative humidity, 97 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.3 Wet temperature, 56.3
Dew-point, 46 R. humidity, 44 V. pressure, 31.0
Clouds: Amount, 3; Kind, cirr; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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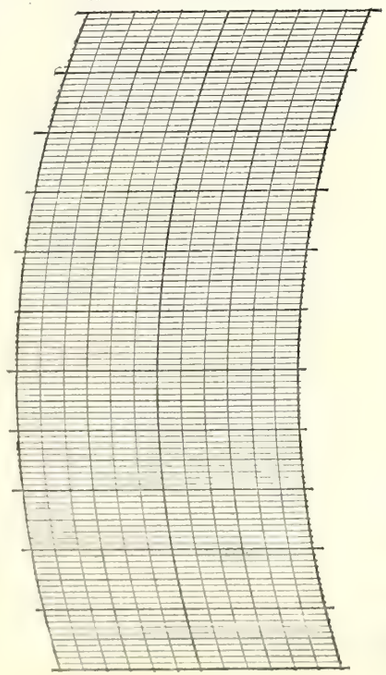
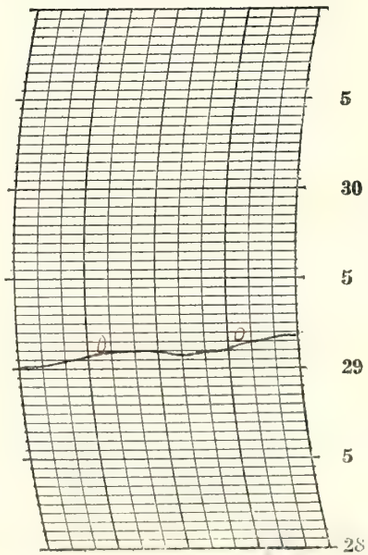


BAROGRAPH.



Prepared by O.E.T. & C.J.

Verified by E.J.T.

8—486

NOTES

0 Estimated; sand bar in river. Light fog began during the night am and ended about 7:30 am. Some cloudiness continued during the day but the day as a whole was clear. Clear into the night. Stars bright.

The temperature rose rapidly from early morning and the afternoon was warm and pleasant.

Solar halo, 22° radius observed 9:00 am for a few minutes.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 25 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	48	47	46	45	44	47	54	58	63	67	70	71	71	71	68	66	65	63	62	60	58	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)							.93 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.77 0							
Wind direction	E	E	E	E	NE	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	8	6	7	5	5	7	5	5	5	5	6	5	5	4	5	4	3	3	4	4	3	4	5	5

Sunrise: Time, 6:04 Character, clear
Moonrise: 5:51 a

Sunset: Time, 4:46 Character, Clear
Moonset: 5:09 p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

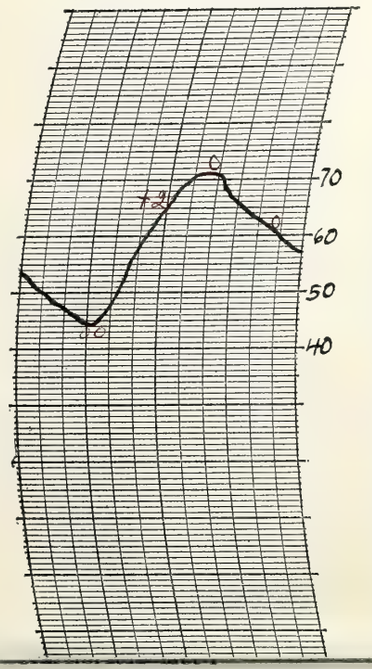
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	44	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New 9:37 am
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.7 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind, 118
Average hourly velocity, 4.9 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 12:27 a.m.
Reduced barometer, 30.22 7 a. m. 30.17 7 p. m.
River gage, 0.6
Relative humidity, 73 7 a. m. 35 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.6 Wet temperature, 53.1
Dew-point, 41 R. humidity, 40 V. pressure, .256
Clouds: Amount, few; Kind, cirr; Direction, N.W.
Velocity of clouds (miles per hour)

THERMOGRAPH



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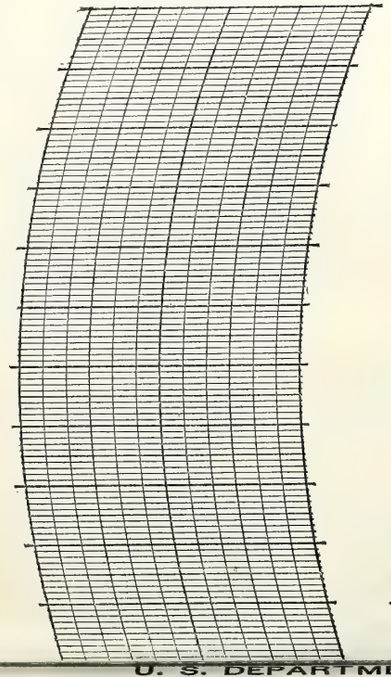
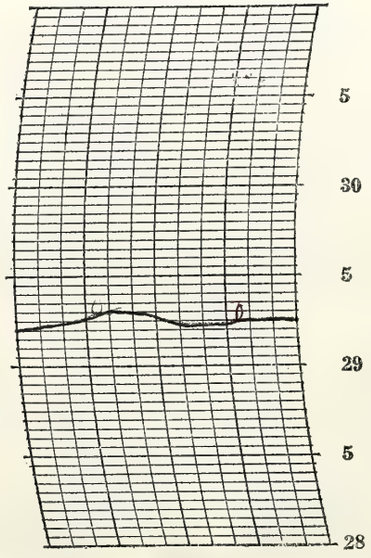


BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

NOTES

Ø Estimated; sandbar in River
It was a clear, mild day with a few light clouds in the morning. It was clear by noon and continued clear into the night

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	53	53	52	52	53	56	60	66	70	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)							.92 0	0.6 0.4	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	6	4	6	5	5	4	5	7	8	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	78	77	74	71	68	65	64	61	60	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	.75 0							
Wind direction	SW	SW	W	SW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	8	7	6	5	2	3	3	1	4	5	4	4

Sunrise: Time, 6:05 Character, Clear

Moonrise: 6:51 a

Sunset: Time, 4:45 Character, Clear

Moonset: 5:33 p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	52	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 10.7 Possible sunshine, hours, 10.7

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 120

Average hourly velocity, 5.0 Extreme velocity, 10

Maximum velocity, 10 Direction, SW

Time began, 9:30 a.m.

Reduced barometer, 30.20 7 a. m. 30.16 7 p. m.

River gage, 0.5 ø

Relative humidity, 53 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

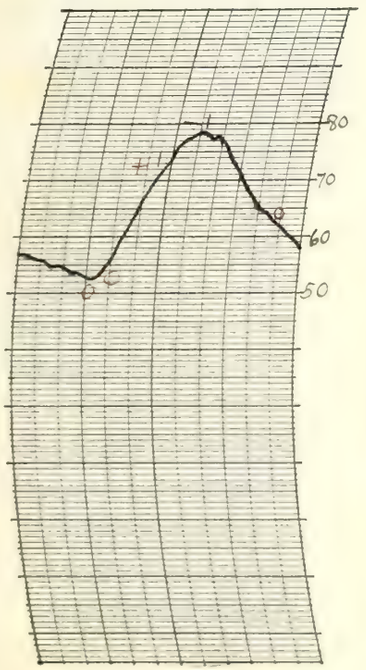
Dry temperature, 74.1 Wet temperature, 57.8

Dew-point, 46 R. humidity, 36 V. pressure, 310

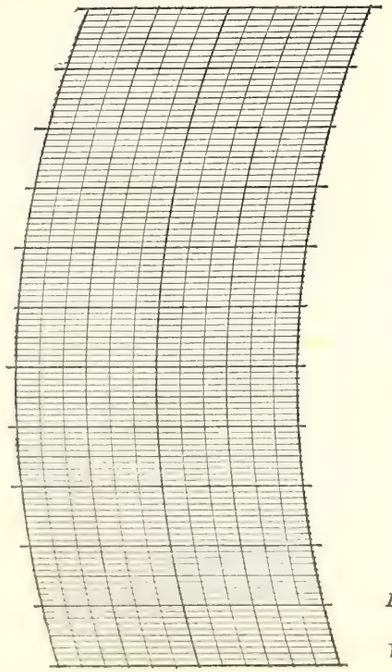
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

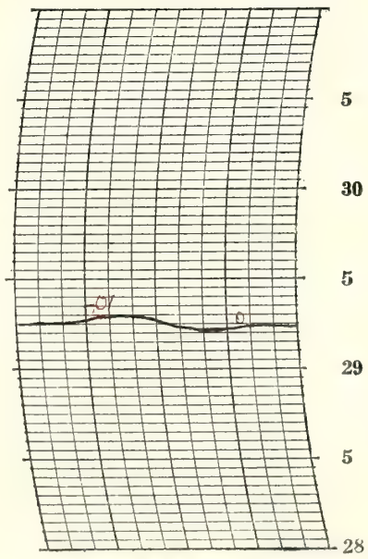
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.H.

8—486

NOTES

ø Estimated; sandbar in river.

It was a clear, beautiful day and was also clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	54	53	52	54	56	62	70	75	78	79	80	80	79	76	72	70	68	66	63	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)							.90 0	.05 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.73 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SW	SW	SW
Wind movement	5	4	3	3	3	4	5	6	8	9	9	8	11	11	10	10	7	5	10	9	10	10	9	11

Sunrise: Time, 6:06 Character, Clear
Moonrise: 7:51a

Sunset: Time, 4:44 Character, Clear
Moonset: 6:02p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

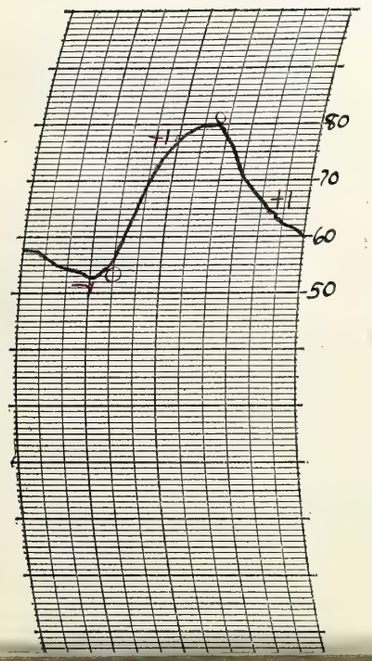
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	52	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.6 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 180
Average hourly velocity, 7.5 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 1.20 p.m.
Reduced barometer, 30.21 7 a. m. 30.11 7 p. m.
River gage, 0.5 ⁰
Relative humidity, 60 7 a. m. 39 7 p. m.

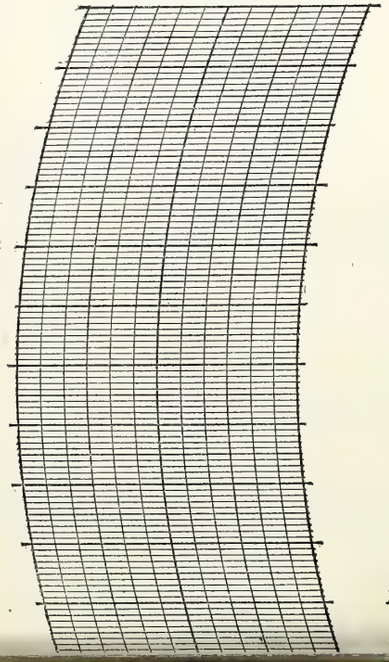
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.6 Wet temperature, 58.4
Dew-point, 43 R. humidity, 30 V. pressure, .277
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

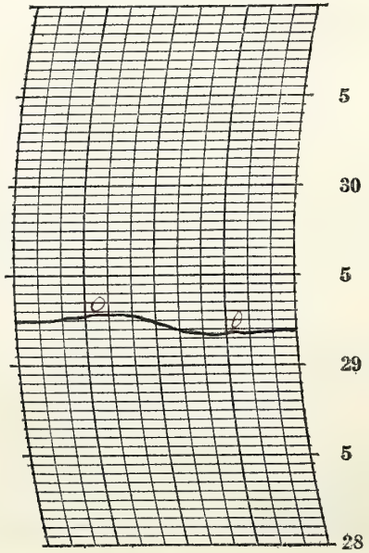
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS
Verified by E.L.H.

NOTES

⁰ Estimated; sandbar in river.
It was a clear day with a few high clouds in the late afternoon. It was clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	56	55	55	57	60	66	74	77	79	82	83	83	82	77	74	73	72	68	68	67	66
State of weather: Nature of precipitation and time of beginning and ending																								RB 11:30 RE DNP
Amounts of precipitation																								T
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							.88 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.70 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	10	9	10	10	11	14	14	11	12	10	11	9	8	6	1	1	1	5	4	2	3

Clear — PT Cldy — Clear

Sunrise: Time, 6:07 Character, Clear
Moonrise: 8:52a

Sunset: Time, 4:42 Character, Clear
Moonset: 6:35p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

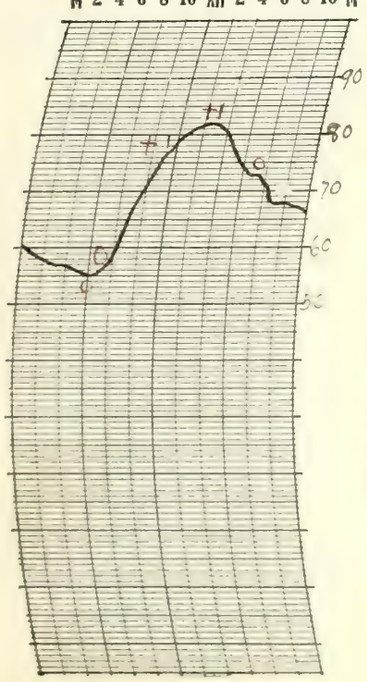
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	83	55	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.6 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 18
Maximum velocity, 18 Direction, SW
Time began, 8:55 a.m.
Reduced barometer, 30.067 a. m. 29.99 7 p. m.
River gage, 0.50
Relative humidity, 61 7 a. m. 51 7 p. m.

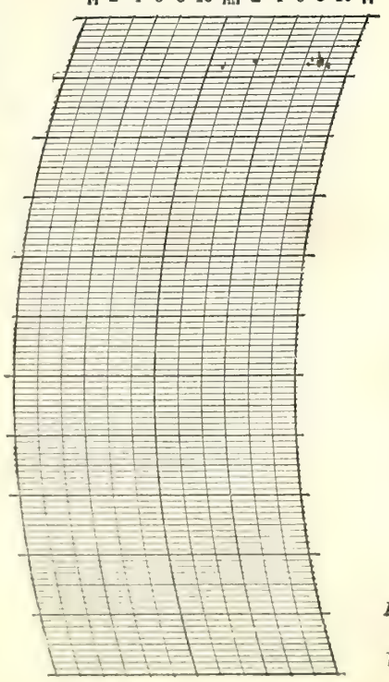
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 62.1
Dew-point, 51 R. humidity, 37 V. pressure, 373
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

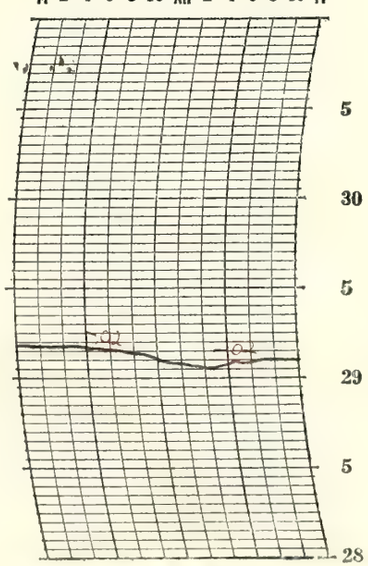
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. J. H.

8—486

NOTES

°Estimated; sandbar in river.
The day was clear until noon. A few high clouds were visible until sunset, afterwards the sky became overcast.
The highest fall temperature ever recorded at this station occured during the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 29 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	58	57	55	53	52	52	52	53	54	56	58	60	59	58	56	56	55	55	53	53	53	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cloudy							Pt Cldy					Cloudy				→
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.4	0.6	0	0	0							
Wind direction	E	E	E	NE	NE	NE	E	NE	NE	E	NE	E	NE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	3	4	5	8	7	8	8	10	7	9	5	8	9	9	9	11	11	11	12	11	10	8	8

Sunrise: Time, 6:09 Character, Cloudy
Moonrise: 9:53 a
Sunset: Time, 4:41 Character, Cloudy
Moonset: 7:15 p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

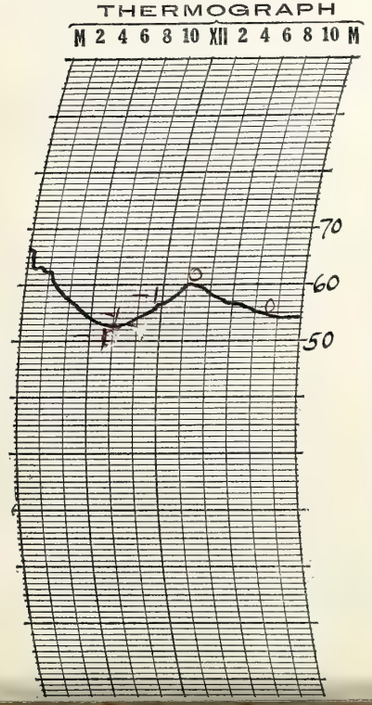
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	52	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.0 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 10
Prevailing wind direction, E Total wind, 194
Average hourly velocity, 8.1 Extreme velocity, 16
Maximum velocity, 16 Direction, E
Time began, 7:23 p.m.
Reduced barometer, 30.05 7 a. m. 30.10 7 p. m.
River gage, 0.4*
Relative humidity, 99 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.1 Wet temperature, 53.9
Dew-point, 53 R. humidity, 87 V. pressure, .402
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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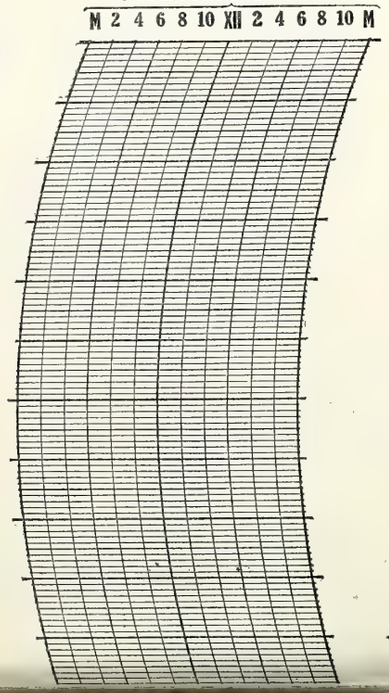
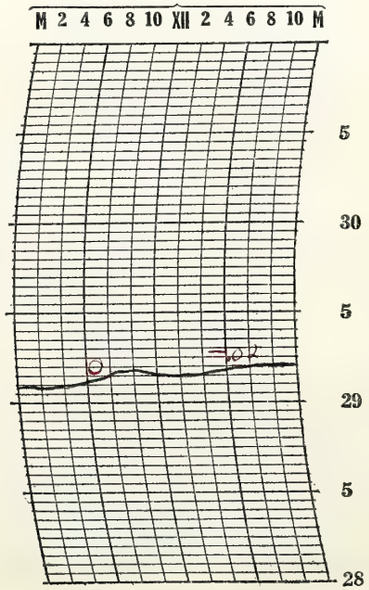


BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

NOTES

* Estimated; sandbar in river.
The sky was overcast with lower clouds until noon when it became partly overcast. About 2.00 p.m. it again clouded up and continued cloudy into the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 30 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	51	50	49	49	49 ~~50~~	50 ~~52~~	52 ~~67~~	60 ~~69~~	68 ~~70~~	74	77	79	77	74	71	70	67	66	66	65	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cloudy					X				Part Cloudy							→
Sunshine (in tenths of hours)							0	0	0	0.2	1.0	1.0	1.0	0.7	0.4	0.4	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	S	S	SE	SE	SE	S	S	S	S	S
Wind movement	8	8	9	8	7	6	5	4	4	4	3	3	5	5	8	6	7	9	8	10	10	11	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:10 Character, Cloudy
Moonrise: 10:51 a

Sunset: Time, 4:40 Character, Cloudy
Moonset: 8:01 p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

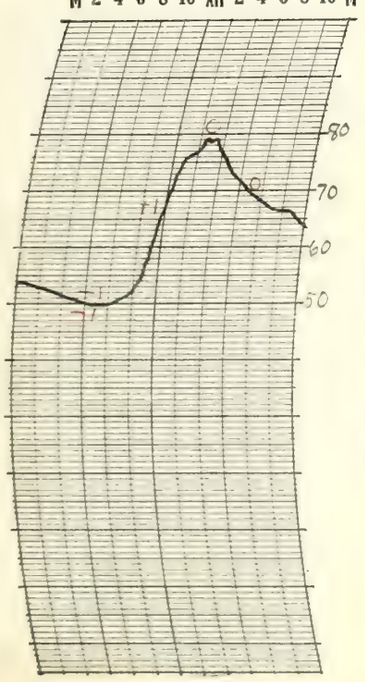
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	49	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.7 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 45
Prevailing wind direction, E Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 2:30 a m.
Reduced barometer, 30.127 a. m. 29.98 7 p. m.
River gage, 0.39
Relative humidity, 96 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.4 Wet temperature, 59.9
Dew-point, 52 R. humidity, 57 V. pressure, .387
Clouds: Amount, Few 9; Kind, cirrus; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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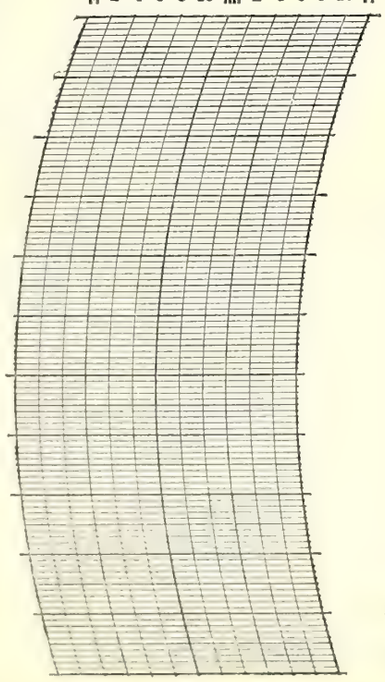
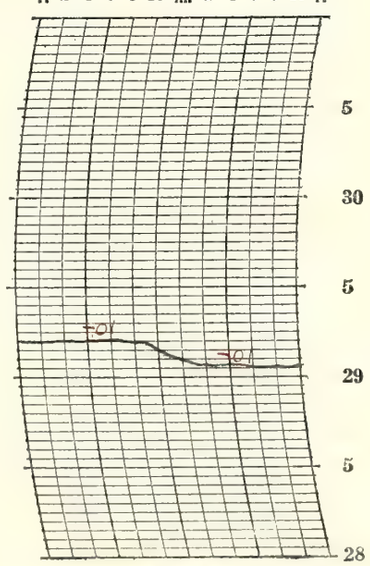


BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

*Estimated; sandbank in river.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 31 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	57	57	57	58	60	63	67	69	70	71	71	70	69	68	68	66	66	65	63	62	62
State of weather: Nature of precipitation and time of beginning and ending																								RB 11:30 RE PNp
Amounts of precipitation																								T
Cloudiness and other conditions					←		Pt		Cloudy				×					Cloudy						→
Sunshine (in tenths of hours)							0	0	0.7	0.4	1.0	1.0	0.6	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	S	SW	SW	S	S	S	SE	SE	SE	S	S	S	S
Wind movement	9	10	9	10	10	9	7	9	11	10	12	12	12	11	9	5	4	3	4	5	10	12	13	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:11 Character, Cloudy
Moonrise: 11:45a

Sunset: Time, 4:38 Character, Cloudy
Moonset: 8:55p

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

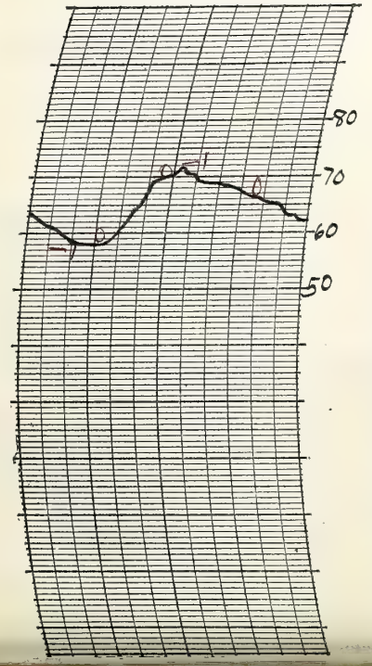
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	57	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.7 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 36
Prevailing wind direction, S Total wind, 217
Average hourly velocity, 9.0 Extreme velocity, 19
Maximum velocity, 18 Direction, S
Time began, 10:46 p.m.
Reduced barometer, 30.047 a. m. 30.027 p. m.
River gage, 0.2°
Relative humidity, 57 7 a. m. 73 7 p. m.

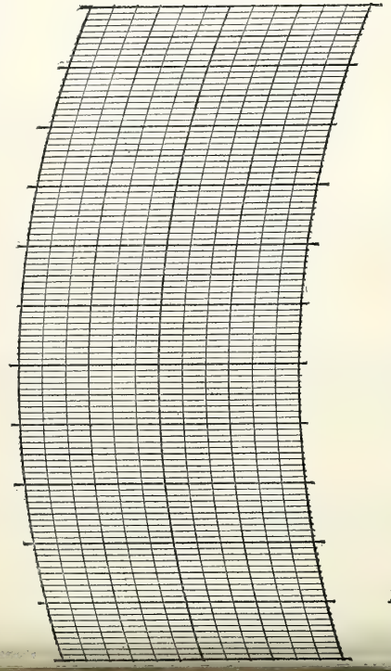
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.6 Wet temperature, 55.1
Dew-point, 43 R. humidity, 39 V. pressure, .277
Clouds: Amount, 10; Kind, cst; Direction, SW
Velocity of clouds (miles per hour)

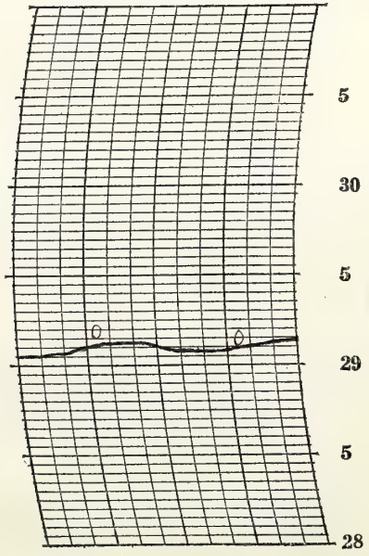
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

NOTES

Ø Estimated; sandbar in river.
It was a partly cloudy, mild day, threatening at times. In the evening it was cloudy and warm.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 1 1927, 192

Time (local standard) ____ mer. normal time 90

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	59	58	56	57	61	64	68	70	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear		×	Pt. Cldy			→
Sunshine (in tenths of hours)							0	0.6	0.6	0.8	1.0	1.0
Wind direction	SW	SW	S	S	S	S	S	S	SW	S	S	S
Wind movement	8	8	7	8	8	9	9	9	11	12	14	13

Sunrise: Time, 6:12 Character, Clear
Moonrise: 12:35p

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	73	71	68	67	66	66	65	65	66	65
State of weather: Nature of precipitation and time of beginning and ending												RB DNP
Amounts of precipitation												.04
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.9	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	15	15	17	15	14	14	15	18	18	20	20	21

Sunset: Time, 4:37 Character, Cloudy
Moonset: 9:55p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

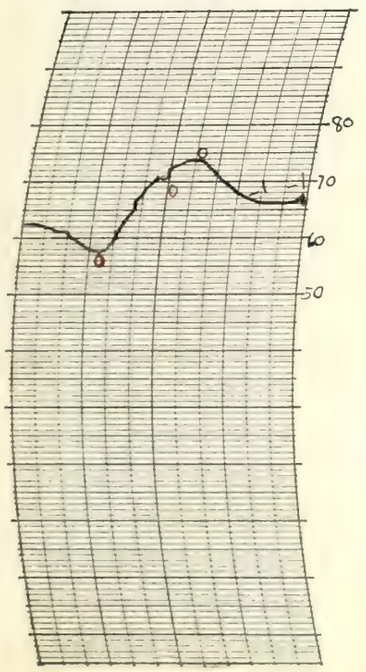
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	56	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.4 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.1 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 78
Prevailing wind direction, S Total wind, 318
Average hourly velocity, 13.2 Extreme velocity, 34
Maximum velocity, 28 Direction, S
Time began, 11:13 pm
Reduced barometer, 30.07 a. m. 29.86 p. m.
River gage, 0.2*
Relative humidity, 87 7 a. m. 73 7 p. m.

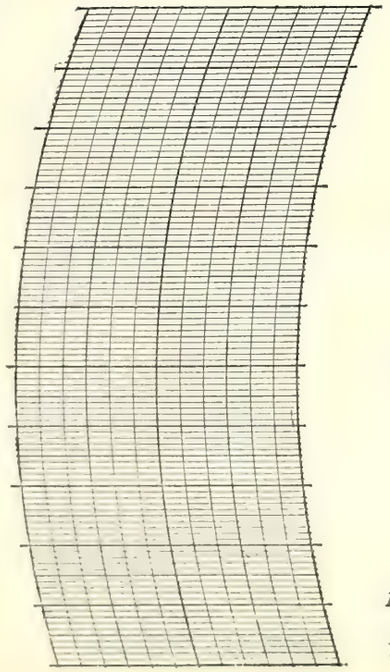
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.1 Wet temperature, 61.9
Dew-point, 57 R. humidity, 63 V. pressure, .465
Clouds: Amount, 6 a cu; Kind, cs; Direction, SW SW
Velocity of clouds (miles per hour)

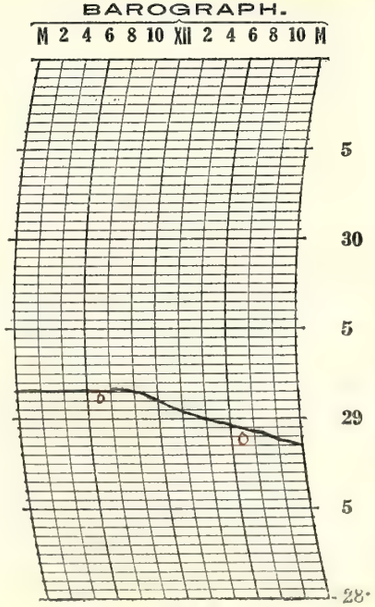
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. L. H.

8—486

NOTES

*Estimated; sandbar in river
It was a pastly cloudy, warm day
22° lunar halo visible at evening observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	61	48	47	47	46	45	45	45	46	47	49
Nature of precipitation and time of beginning and ending					RE DNp							
Amounts of precipitation	.01	.08	.05	.03	.01							
Cloudiness and other conditions	← Cloudy									Pt. Cloudy		
Sunrise: Time, 6:13 Character, Cloudy												
Moonrise: 1:18p												
Sunshine (in tenths of hours)							0	0	0	0.9	1.0	1.0
Wind direction	SW	SW	W	W	W	NW	W	NW	NW	NW	NW	NW
Wind movement	24	23	19	16	17	16	12	13	14	13	12	11
Maximum velocities (exceeding 29 miles) direction and time	32 SW 12:43											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	49	48	47	45	45	45	45	45	44	42
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear	Pt. Cloudy	Cloudy	Cldy	Pt. Cldy	Clear	Pt. Cldy					
Sunset: Time, 4:36 Character, Cloudy												
Moonset: 11:03p												
Sunshine (in tenths of hours)	1.0	0.6	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	11	8	7	4	6	5	5	3	2	4	4

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	42	54	

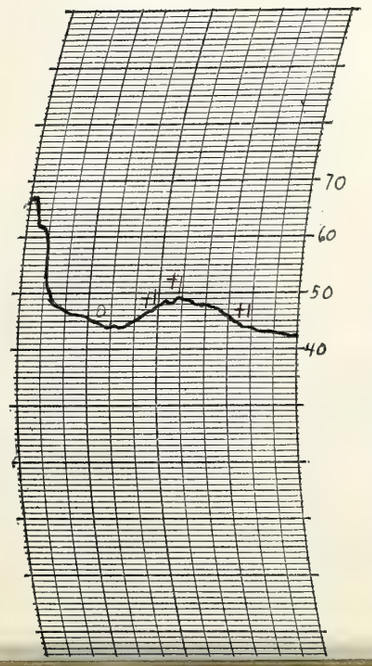
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Pt. Cloudy Moon phase, First Quarter 9:46 a.m.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.5 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 43
Prevailing wind direction, NW Total wind, 260
Average hourly velocity, 10.8 Extreme velocity, 37
Maximum velocity, 32 Direction, SW
Time began, 12:43 a.m.
Reduced barometer, 29.96 a. m. 30.01 p. m.
River gage, 0.2 e
Relative humidity, 72 a. m. 58 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

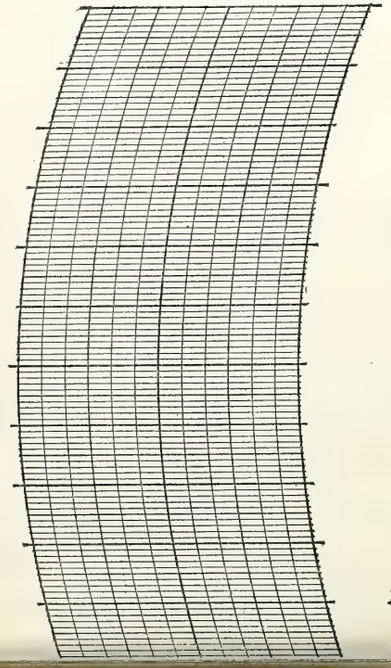
Dry temperature, 48.8 Wet temperature, 40.9
Dew-point, 31 R. humidity, 49 V. pressure, .172
Clouds: Amount, 2; Kind, Ci; Direction, NW
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

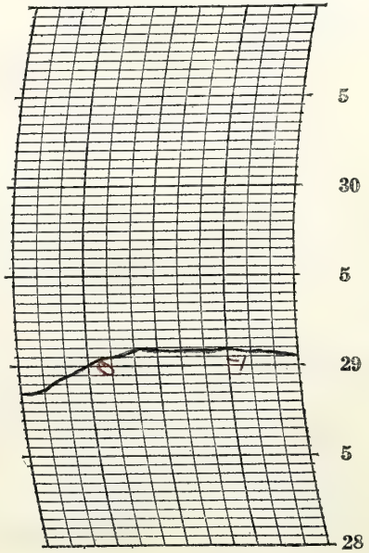
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.S.

Verified by E.L.H.

NOTES

e Estimated; sandbar in river

During the early morning it was cloudy. After the showers between midnight and sunrise, the sky nearly cleared by noon. It continued clear to partly cloudy into the night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 3 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	39	40	40	41	46	47	50	53	52	51	50	50	49	48	47	47	46	43	43	41
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:20 RE 8:00				
Amounts of precipitation																								
Cloudiness and other conditions					←	Pt Cloudy				→	×	Clear	×	Pt Cldy	×	Cldy		→	Pt Cldy	Cldy	×	Pt Cldy	×	Pt Cldy →
Sunshine (in tenths of hours)							0	0	0.6	0.8	1.0	1.0	0.8	0	0	0	0							
Wind direction	NW	NW	NW	W	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	W	W	W	NW
Wind movement	3	3	3	2	3	4	5	5	7	8	10	9	12	12	11	10	8	7	5	6	7	6	11	14

Sunrise: Time, 6:15 Character, Cloudy
Moonrise: 1:54p
Sunset: Time, 4:35 Character, Cloudy
Moonset: —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

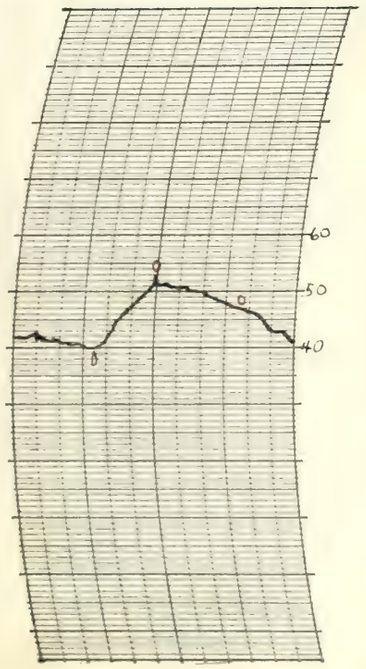
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	39	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.2 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 41
Prevailing wind direction, SW Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 11:39 p.m.
Reduced barometer, 29.93 a. m. 29.73 p. m.
River gage, 0.2
Relative humidity, 70 a. m. 66 p. m.

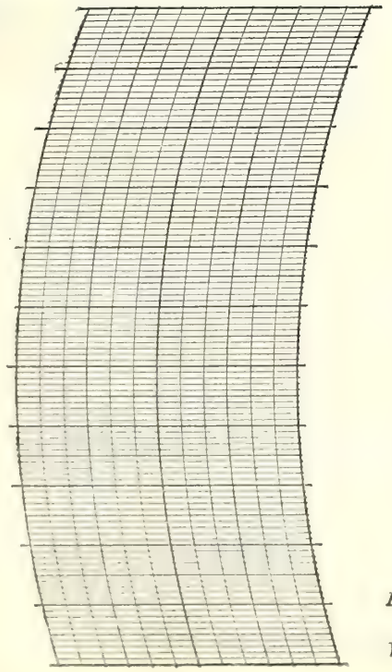
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.9 Wet temperature, 41.8
Dew-point, 27 R. humidity, 36 V. pressure, .143
Clouds: Amount, 1; Kind, stu.; Direction, SW
Velocity of clouds (miles per hour)

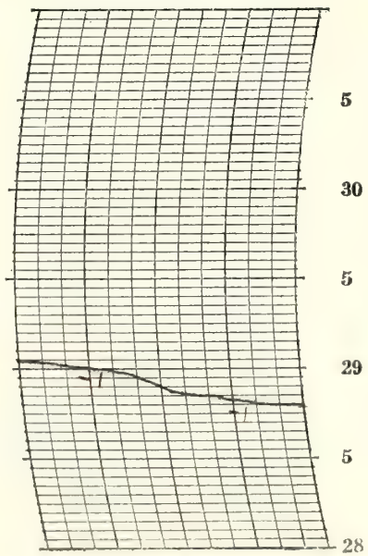
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.H.

8—486

NOTES

Estimated; sandbar in river.
Partly cloudy during the a.m. It cleared for a while at noon, but the sky then became overcast until 5:00 p.m. when it cleared up by 7:00. However by 7:30 the sky was completely overcast

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	37	37	37	35	36	37	43	45	45	40 RB 11:26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												Sldy 01
Cloudiness and other conditions					← Pt Cldy		X Clear			X Pt	X	
Sunrise: Time, 6:16 Character, Cloudy												
Moonrise: 2:27p												
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	0.2	0
Wind direction	NW	NW	NW	NW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	13	11	10	7	7	7	5	6	8	10	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	44	43 RE 3:50	43	42	41	40 RB 7:15	38 RE 8:20	37	37	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	01	T	.01	.01	T cldy			T cldy	01			
Cloudiness and other conditions	Cloudy				X Pt	X	Clear	X Pt	X	Cloudy		
Sunset: Time, 4:34 Character, Clear												
Moonset: 12:13a												
Sunshine (in tenths of hours)	0	0	0	* 0.1	.57							
Wind direction	SW	S	S	SW	SW	SW	SW	W	W	W	W	W
Wind movement	6	6	10	12	8	8	13	18	11	10	14	11

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	35	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.5 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.1 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 30
Prevailing wind direction, SW Total wind, 235
Average hourly velocity, 9.8 Extreme velocity, 24
Maximum velocity, 22 Direction, W
Time began, 7:39 pm
Reduced barometer, 29.70 7 a. m. 29.55 7 p. m.
River gage, 0.20
Relative humidity, 89 7 a. m. 80 7 p. m.

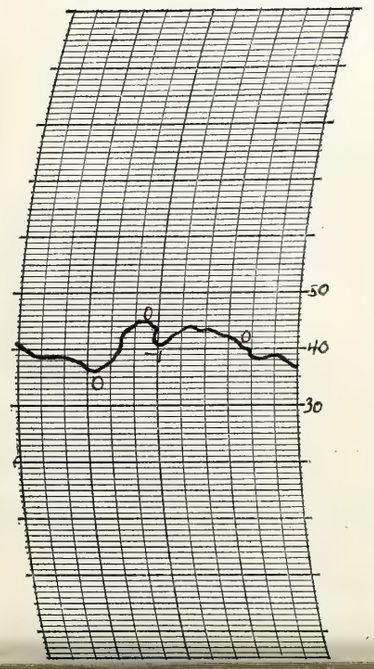
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

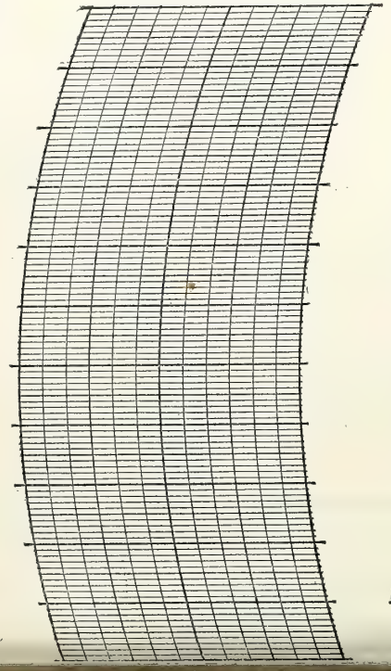
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.8 Wet temperature, 37.9
Dew-point, 35 R. humidity, 85 V. pressure, .203
Clouds: Amount, 10; Kind, nb; Direction, SW
Velocity of clouds (miles per hour)

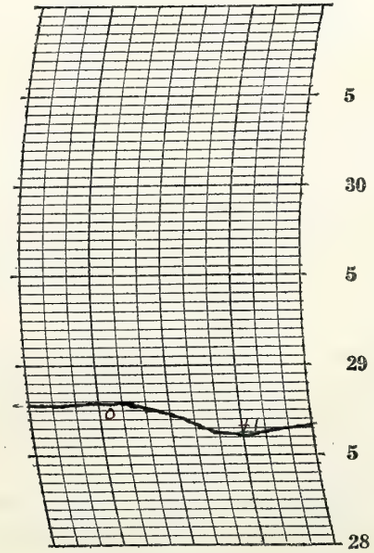
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.L.H

NOTES

° Estimated; sandbar in river.

The day was clear in the early morning, but became cloudy by 11:00 a.m. Light rain fell from 11:20 a.m. to near sunset. It rapidly cleared up and was clear by 4:30 p.m. It continued clear to partly cloudy at night except for some rain about 8:00 p.m.

* Sun commenced shining 3:52 p.m. by eyes.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 5 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	35	35	34	36	36	36	33	36	36
Nature of precipitation and time of beginning and ending			RB DN2		RE DN2		S^m B 6:38 S^m E 6:40	S^m B 7:31	- - - - -	*	S^m E 10:40	
Amounts of precipitation			T	01	T		T	T	T	T	T	
Cloudiness and other conditions									Cldy			
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	NW	W	W	W
Wind movement	13	12	13	12	8	10	10	10	12	14	19	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	35	34	33	32	32	32	30	31	30	30	29
Nature of precipitation and time of beginning and ending	S^m B 12:09	- - -	*	S^m E 3:23			□					S^m B pNp
Amounts of precipitation	T	T	T	T								T
Cloudiness and other conditions						X	PFCloudy		Cldy			
Sunshine (in tenths of hours)	0	0.2	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	22	24	18	15	14	17	16	14	14	13	12

Sunrise: Time, 6:17 Character, Cloudy
Moonrise: 2:58 p
Sunset: Time, 4:32 Character, Cloudy
Moonset: 1:27 a

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

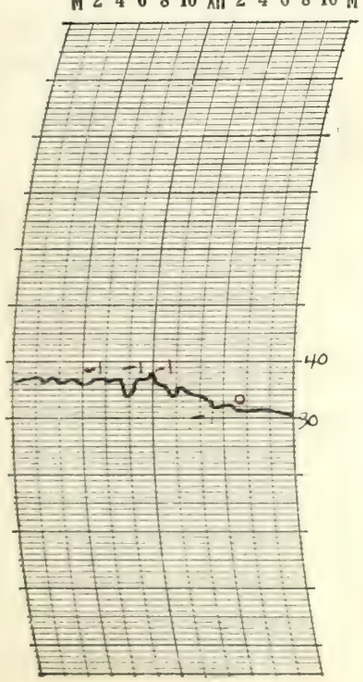
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	29	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.2 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 2
Prevailing wind direction, W Total wind, 352
Average hourly velocity, 14.7 Extreme velocity, 30
Maximum velocity, 28 Direction, W
Time began, 2:05 p.m.
Reduced barometer, 29.75 7a. m. 30.03 7p. m.
River gage, 0.3 ϕ
Relative humidity, 89 7a. m. 85 7p. m.

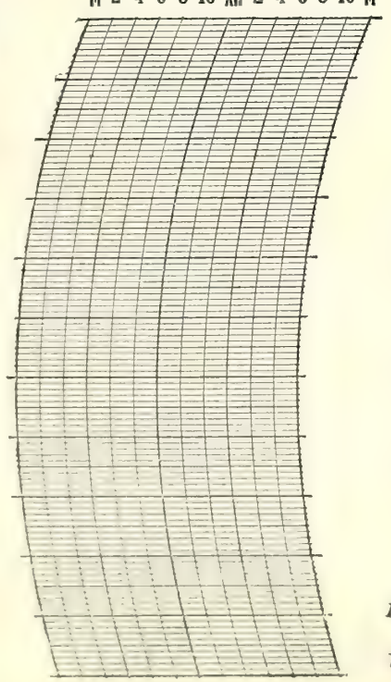
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.2 Wet temperature, 30.4
Dew-point, 21 R. humidity, 51 V. pressure, 108
Clouds: Amount, 8; Kind, stcu; Direction, W
Velocity of clouds (miles per hour)

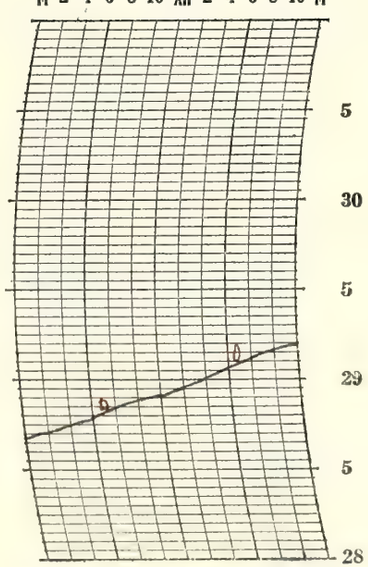
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

ϕ Estimated; sandbar in river.
Snow flurries occured several times during the day. After sunset it commenced to clear but later became cloudy. It was too cold to be pleasant.

□ Raingage disconnected 6:32 P.M.
* At intervals.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 6 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	28	28	27	26	27	27	30	33	34	35	35	36	36	36	35	34	34	33	33	32	30	29
State of weather: Nature of precipitation and time of beginning and ending				5m E DN2			5m B 6:45 5m E 6:55																	
Amounts of precipitation	←		.01	→			T																	
Cloudiness and other conditions					←	Cly	→	Pt cdy	→	Clear	→	Pt cdy	→	Clear	→	Pt cdy	→	Cloudy	→					
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	0.8	0.8	0.7	0.6	0.7	0	0							
Wind direction	W	W	W	W	W	W	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	12	9	6	7	6	6	6	6	8	13	17	16	18	16	15	15	11	9	7	7	5	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:18; Character, Cloudy. Moonrise: 3:27p

Sunset: Time, 4:31; Character, Cloudy. Moonset: 2:41a

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

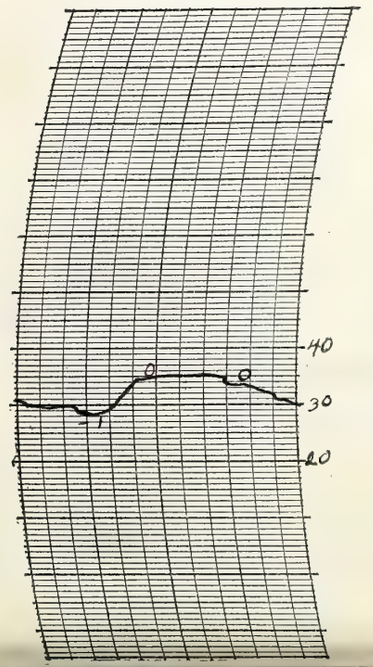
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	26	31	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.7 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 56
Prevailing wind direction, W Total wind, 232
Average hourly velocity, 9.7 Extreme velocity, 22
Maximum velocity, 19 Direction, W
Time began, 1:24 p.m.
Reduced barometer, 30.26 7 a. m. 30.30 7 p. m.
River gage, 0.4
Relative humidity, 94 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 35.2 Wet temperature, 29.2
Dew-point, 18 R. humidity, 46 V. pressure, .073
Clouds: Amount, 4; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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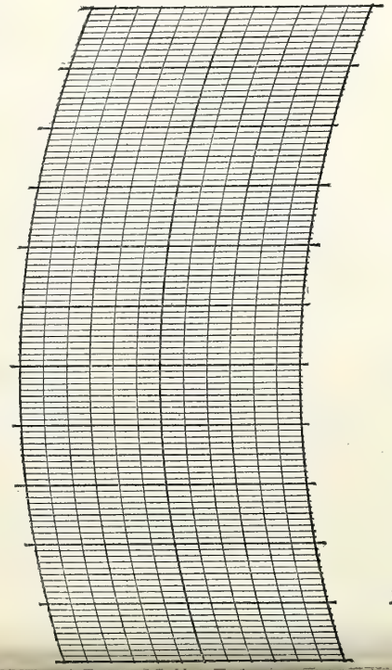
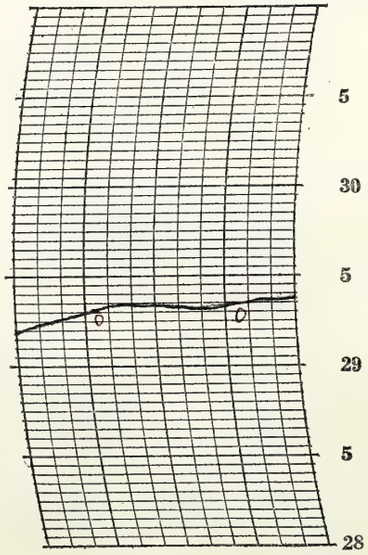


BAROGRAPH.



Prepared by CJS

Verified by EJH

NOTES

*Estimated; sandbar in river.
The day is part cloudy with intervals of clear and cloudy. In the early morning, about sunrise, there were light snow flurries.

8—488

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	27	27	27	26	27	28	31	34	36	36	38	41	39	39	38	38	37	37	37	36	36	36
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Cloudy													→
Sunshine (in tenths of hours)							0	0	0	0	0	0.2	0.2	0.3	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	S	S	S	S	S	SE	SE	SE	SE	E	E	E	E	E
Wind movement	4	7	7	7	6	7	5	5	5	7	7	9	6	7	7	6	4	6	5	5	5	5	6	7

Sunrise: Time, 6:19 Character, Cloudy
Moonrise: 3:56p

Sunset: Time, 4:30 Character, Cloudy
Moonset: 3:58a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

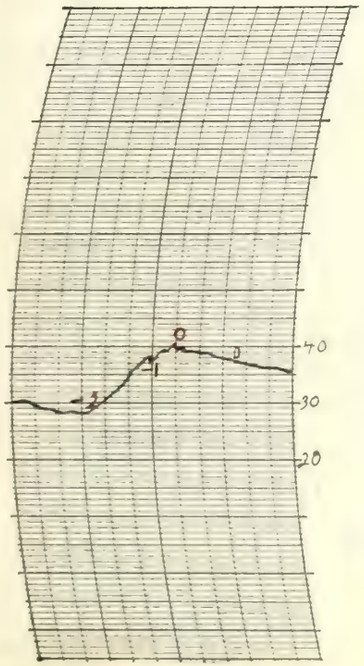
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.7 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 7
Prevailing wind direction, SW Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 11
Maximum velocity, 11 Direction, S
Time began, 11:52 a m
Reduced barometer, 30.34 7 a. m. 30.27 7 p. m.
River gage, 0.4 p
Relative humidity, 70 7 a. m. 44 7 p. m.

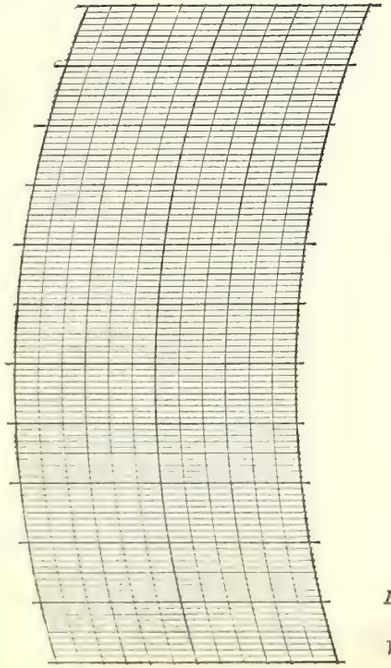
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.2 Wet temperature, 29.8
Dew-point, 19 R. humidity, 44 V. pressure, .098
Clouds: Amount, 9; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour)

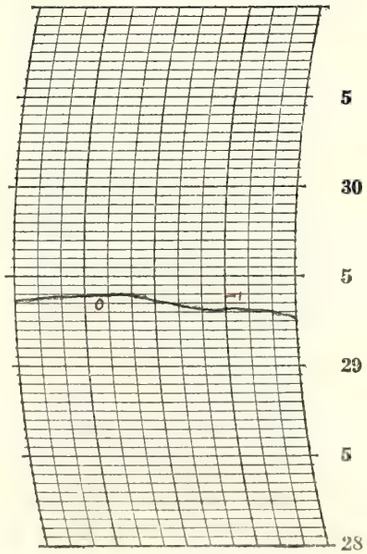
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS
Verified by

8—486

NOTES

p Estimated; sandbar in river.

The sky was entirely overcast except between 11:00 a m and 3:00 p m during which time as much as two tenths of the sky was clear permitting the sun to shine through. Temperatures below freezing prevailed before 9:00 A M and during the rest of the day the temperatures rose and stayed above 36 with a high of 41 at 2:00 p m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 8 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	32	32	32	32	33	34	34	35	35	36	37	37	37	37	37	37	37	37	37	37
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10	RE 6:20																	
Amounts of precipitation						T	T																	
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	8	7	8	9	10	10	12	13	11	10	9	9	9	8	8	7	5	5	5	4	2	4	3

Sunrise: Time, 6:21 Character, Cloudy
Moonrise: 4:28p
Sunset: Time, 4:29 Character, Cloudy
Moonset: 5:16a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

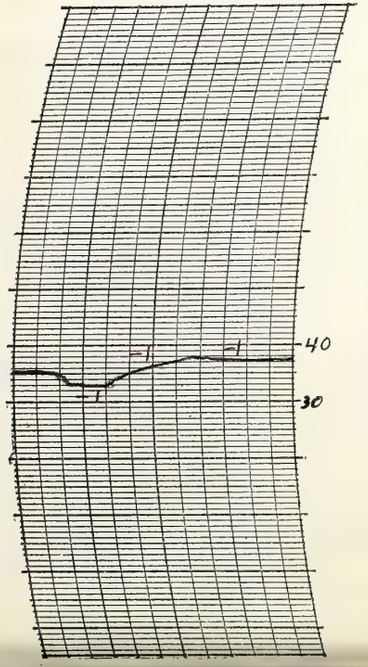
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	32	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 17
Maximum velocity, 16 Direction, E
Time began, 8:56 2 m
Reduced barometer, 30.15 7a. m. 30.18 7p. m.
River gage, 0.49
Relative humidity, 85 7a. m. 70 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.0 Wet temperature, 31.9
Dew-point, 28 R. humidity, 73 V. pressure, .150
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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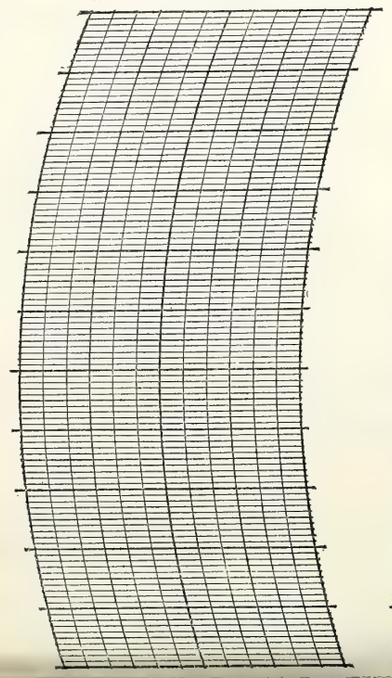
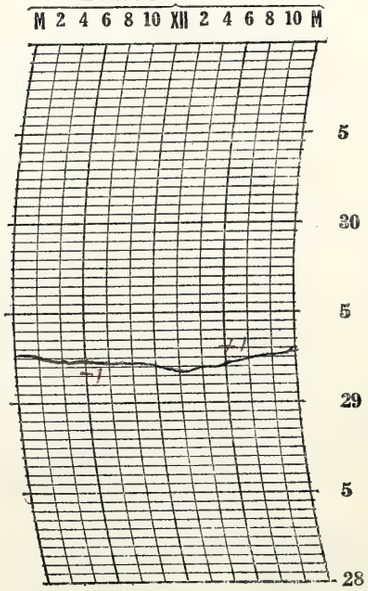


BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

8—486

NOTES

Estimated; sandbar in river.
A cloudy, cold day.
The sky was completely overcast all day. There was a shower just before sunrise. The temperatures did not vary more than 5 degrees all day.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 9 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	37	37	38	38	40	41	43	46	47	47	49	47	47	45	45	44	43	42	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy											Cloudy						
Sunrise: Time, Character,	6:22 Cloudy																				Sunset: Time, Character,	4:28 Cloudy		
Moonrise:	5:04p																				Moonset:	6:36a		
Sunshine (in tenths of hours)							0	0	0	0	0	0.4	1.0	0.8	0	0	0							
Wind direction	N	W	W	W	NW	NW	NW	W	W	S	SE	S	SE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	5	6	5	3	2	2	3	3	5	5	6	5	4	5	5	5	5	8	7	8	7	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	37	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Full 12:36 a
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.2 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 22
Prevailing wind direction, SE Total wind, 123
Average hourly velocity, 5.1 Extreme velocity, 11
Maximum velocity, 11 Direction, SE
Time began, 6:22 p.m.
Reduced barometer, 30.35 7 a. m. 30.34 7 p. m.
River gage, 1.1
Relative humidity, 78 7 a. m. 65 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

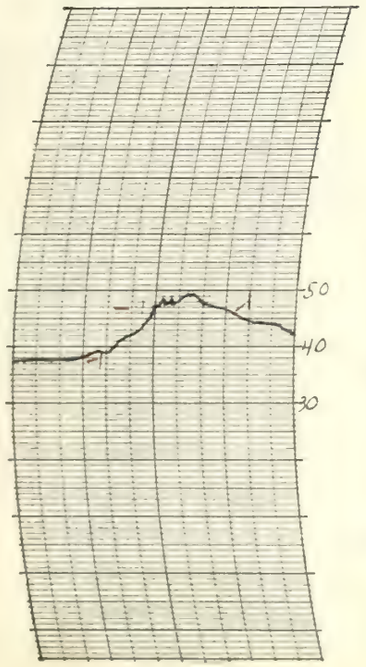
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 45.9 Wet temperature, 39.2
Dew-point, 30 R. humidity, 55 V. pressure, .164
Clouds: Amount, 10; Kind, cist.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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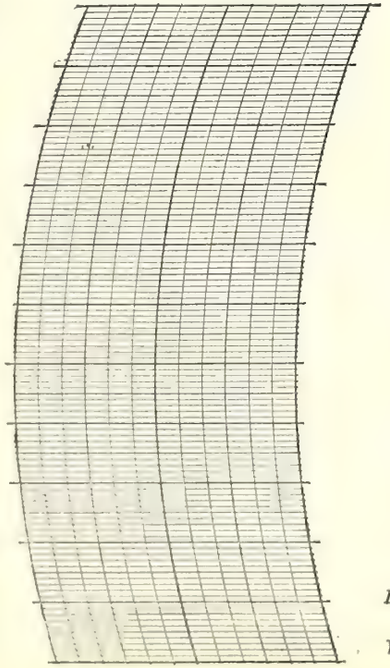
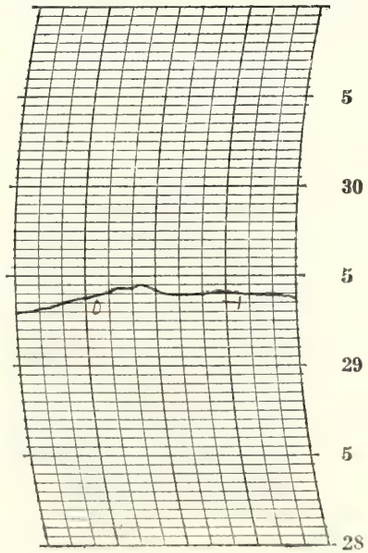


BAROGRAPH.



Prepared by C.H.
Verified by E.F.H.

8—486

NOTES

It was cloudy in the early morning and a light fog occured from 7:30 a.m. to 9:15 a.m. It commenced clearing by noon and the sky was partly cloudy to cloudy from 1:00 P.M. until nearly sunset. Then it became cloudy and continued into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 10 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	40	42	43	44	45	46	49	50	52
						RB 5:20		RE 7:25			RB 10:35	RE 11:10
State of weather: Nature of precipitation and time of beginning and ending	Ø											
Amounts of precipitation						T	0.1	0.1			0.01	T
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	S	S	S	SE	SE	S	S	S	S	S	S
Wind movement	6	8	6	8	7	8	14	14	15	13	14	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	58	59	59	60	61	62	64	65	65	64	65
			RB 2:30	RE 3:01								
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			0.01	T								
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	SW	SW	SW	S	SW	S	SW	S	SW
Wind movement	16	13	15	14	15	16	15	19	20	19	17	18

Sunrise: Time, 6:23 Character, Cloudy

Moonrise: 5:46p

Sunset: Time, 4:27 Character, Cloudy

Moonset: 7:55a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, 0.4 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 0

Prevailing wind direction, S Total wind, 325

Average hourly velocity, 13.5 Extreme velocity, 23

Maximum velocity, 22 Direction, SW

Time began, 7:29 p.m.

Reduced barometer, 30.21 7 a. m. 30.03 7 p. m.

River gage, 1.1

Relative humidity, 96 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

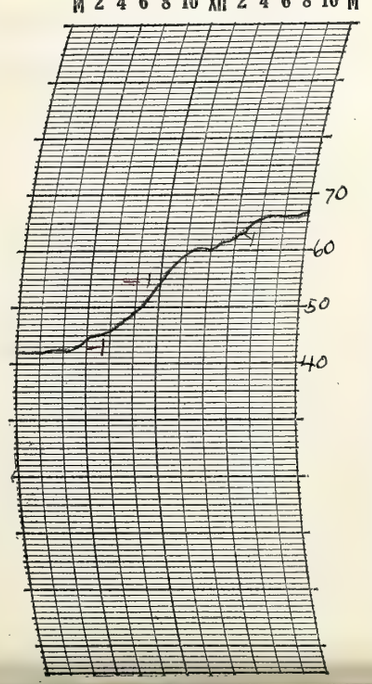
Dry temperature, 52.5 Wet temperature, 51.9

Dew-point, 51 R. humidity, 96 V. pressure, .373

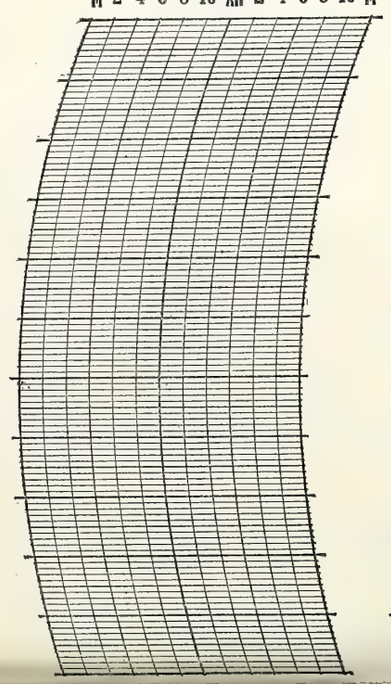
Clouds: Amount, 10; Kind, st; Direction, S

Velocity of clouds (miles per hour)

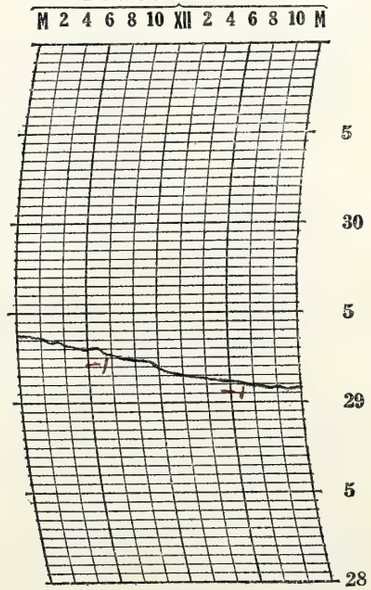
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.S.

Verified by E.L.H.

8—486

NOTES

Ø Hourly amounts estimated.

The sky was completely overcast with showers occuring in the morning and afternoon. About 9:00 P.M. the lower clouds were observed to be moving with great rapidity with the upper clouds occassionally visible.

22° Lunar hals observed at 9:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 11 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	62	62	62	63	64	65	67	69	69	70	74	73	72	71	70	69	69	60	48	45	45	43
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:24	RE 8:50			
Amounts of precipitation																				.09	.05			
Cloudiness and other conditions	← Cloudy →																							
Sunrise: Time, Character	6:24 Cloudy																							
Moonrise	6:35p																							
Sunset: Time, Character																					4:26 Cloudy			
Moonset																					9:11a			
Sunshine (in tenths of hours)							0	0	0	0.4	0	0	0.5	0.8	0	0	0							
Wind direction	SW	SW	SW	SW	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	W	W	W
Wind movement	18	19	15	13	14	17	18	19	21	26	27	23	28	27	27	23	21	22	22	25	26	31	26	21
Maximum velocities (exceeding 29 miles) direction and time										30 SW 9:43	30 SW 10:03		41 SW 12:44	33 SW 1:00	32 SW 2:03					39 SW 7:53	35 W 8:51	38 W 9:53	30 W 10:39	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

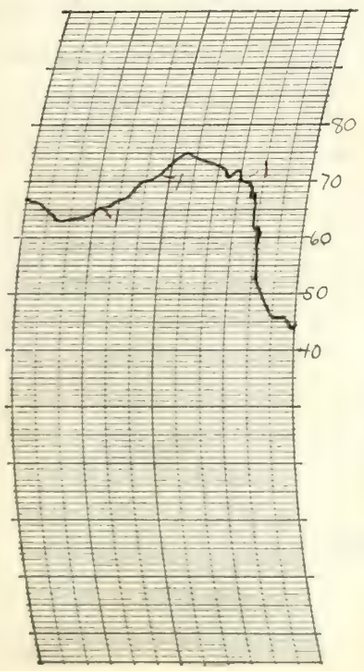
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	43	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.7 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 17
Prevailing wind direction, SW Total wind, 529
Average hourly velocity, 22.0 Extreme velocity, 52
Maximum velocity, 41 Direction, SW
Time began, 12:44 p.m.
Reduced barometer, 29.48 7 a. m. 29.75 7 p. m.
River gage, 0.3°
Relative humidity, 88 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.2 Wet temperature, 64.1
Dew-point, 61 R. humidity, 72 V. pressure, .536
Clouds: Amount, 10; Kind, St cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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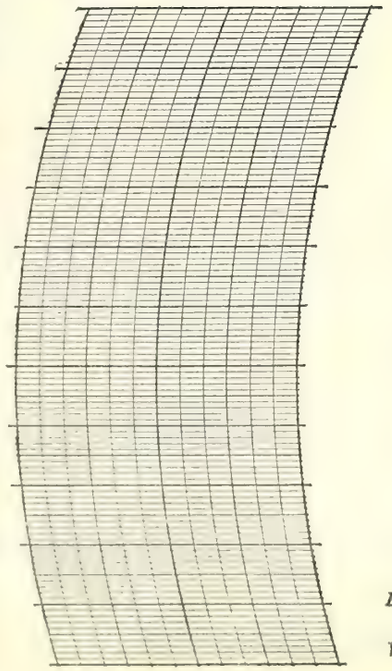
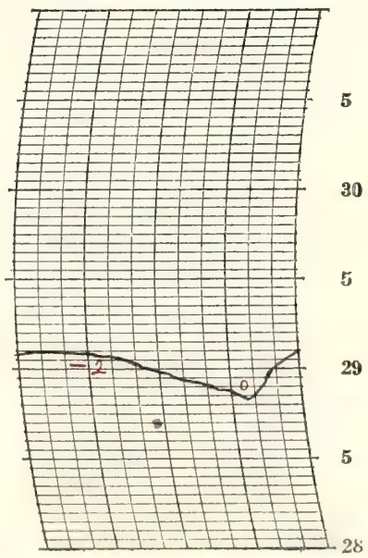


BAROGRAPH.



Prepared by CS

Verified by E.L.H.

8—486

NOTES

°Estimated; sand bar in river

The day was cloudy and threatening at times. A strong wind prevailed from sunrise and into the night. It was very warm. A thundershower commenced at 7:20 p. m. ending at 8:50 p.m.

Cold wave warning received 7:00 A.M.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 12 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	39	38	37	36	34	33	35	37	39	41	41	40	40	39	37	35	35	33	33	32	31	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy									PTcldy				Clear										→
Sunrise: Time, Character,	6:25 Cloudy																							
Moonrise:	7:31P																							
Sunset: Time, Character,																					4:25 Clear			
Moonset:																					10:21a			
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	.42 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	W	NW	NW	NW	NW	NW
Wind movement	20	23	21	20	18	16	13	14	13	14	17	19	23	21	18	14	9	7	5	5	4	5	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	31	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 8.6 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 86

Prevailing wind direction, W Total wind, 326

Average hourly velocity, 13.6 Extreme velocity, 29

Maximum velocity, 28 Direction, W

Time began, 12:12 p.m.

Reduced barometer, 30.28 7 a. m. 30.56 7 p. m.

River gage, 0.30

Relative humidity, 79 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

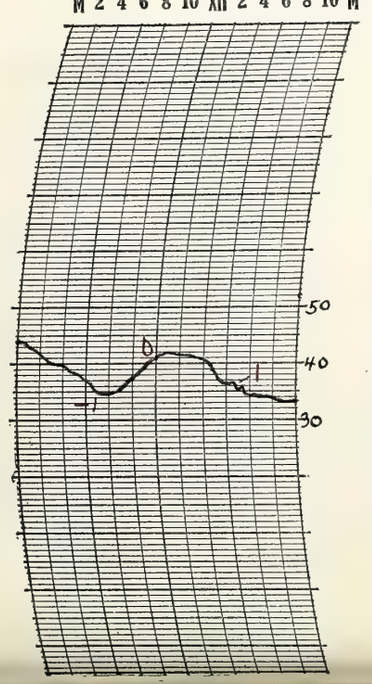
Dry temperature, 40.9 Wet temperature, 33.1

Dew-point, 21 R. humidity, 41 V. pressure, 10.8

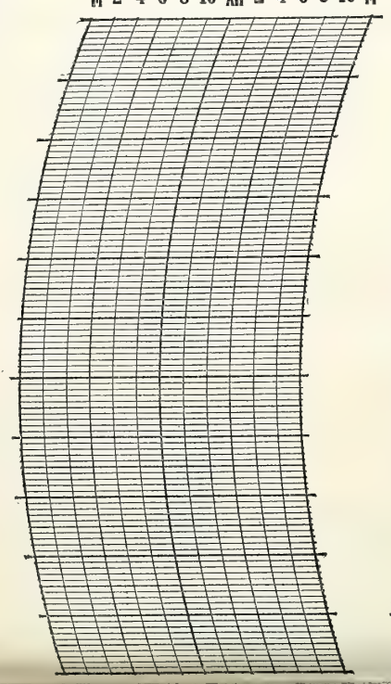
Clouds: Amount, Few; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

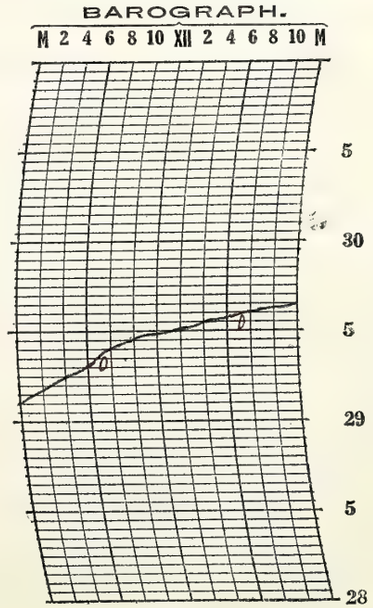
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

NOTES

Estimated; sandbar in sewer

The day was much colder than yesterday. It was Cloudy at sunrise but cleared by 9:00 a.m and continued clear into the night.

8—486

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 13 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	29	28	27	29	31	34	36	39	42	44	47	48	48	46	44	44	45	43	42	41	41
State of weather: Nature of precipitation and time of beginning and ending																								RB BNP RE BNP
Amounts of precipitation																								ET→
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							.57 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.42 0							
Wind direction	NW	NW	NW	S	SE	SE	E	E	E	E	E	E	E	SE	SE	E	E	SE	SE	SE	SE	S	S	S
Wind movement	1	2	3	6	5	6	4	6	9	8	11	9	8	9	8	8	7	6	8	14	11	10	10	8

Clear — Pt. Cldy.

Sunrise: Time, 6:26 Character, Clear

Moonrise: 8:33 p

Sunset: Time, 4:25 Character, Clear

Moonset: 11:18 a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	27	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 100

Prevailing wind direction, E Total wind, 177

Average hourly velocity, 7.4 Extreme velocity, 16

Maximum velocity, 16 Direction, SE

Time began, 7:41 p.m.

Reduced barometer, 30.62 7 a. m. 30.37 7 p. m.

River gage, 0.30

Relative humidity, 83 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

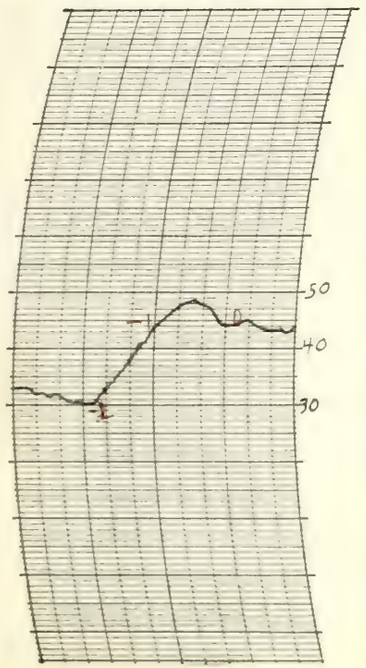
Dry temperature, 42.5 Wet temperature, 33.8

Dew-point, 19 R. humidity, 37 V. pressure, .098

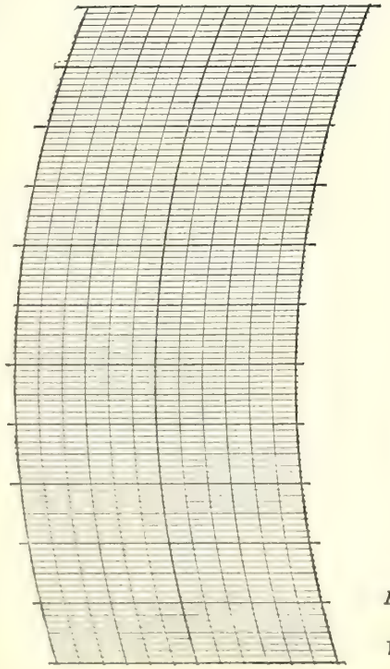
Clouds: Amount, 3; Kind, ci; Direction, W

Velocity of clouds (miles per hour)

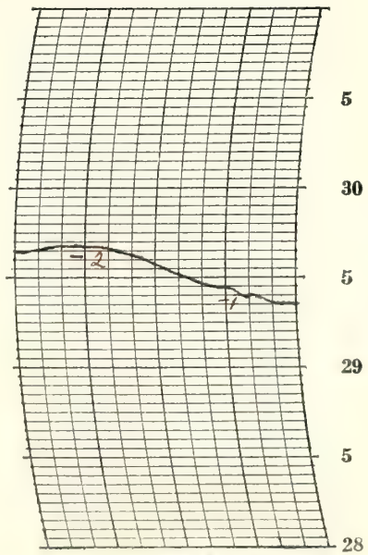
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Estimated sandbar in river ...

It was a generally fair day and was also fair into the night. As a whole it was a very pleasant day. A light sprinkle fell just before midnight

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 14 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	45	48	50	52	52	53	53	57	61	61	63
Nature of precipitation and time of beginning and ending								RB 7:30	RE 8:30			
Amounts of precipitation								T	T			
Cloudiness and other conditions					←			Cloudy			×	Pt Cldy
Sunshine (in tenths of hours)							0	0	0	0.3	0.4	0.7
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	9	8	6	7	8	9	9	11	17	20	18

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	68	67	65	64	64	64	62	61	62	61	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy		×	Clear		×		Pt Cldy		→		
Sunshine (in tenths of hours)	0.6	0.4	0.8 (0.2)	0 (1.0)	0 (0.1 *)							
Wind direction	SWS		S	S	S	S	S	S	S	S	S	S
Wind movement	18	16	16	14	10	13	14	13	14	15	16	18

Sunrise: Time, 6:28 Character, Cloudy

Moonrise: 9:37p

Sunset: Time, 4:24 Character, Cloudy

Moonset: 12:06p

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	41	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.5 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 45

Prevailing wind direction, S Total wind, 305

Average hourly velocity, 12.7 Extreme velocity, 25

Maximum velocity, 23 Direction, S

Time began, 11:26 a.m.

Reduced barometer, 30.28 7 a. m. 30.15 7 p. m.

River gage, 1.2

Relative humidity, 67 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 62.8 Wet temperature, 56.7

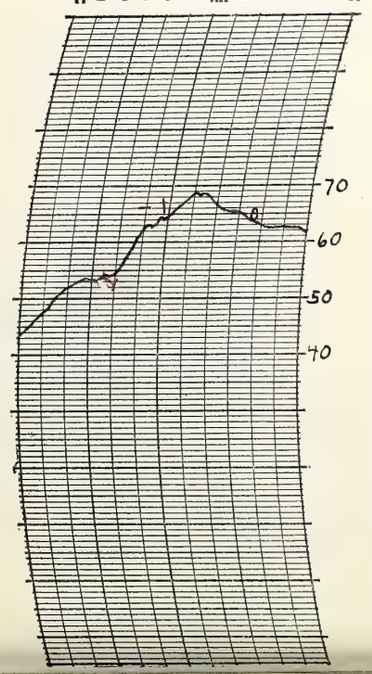
Dew-point, 53 R. humidity, 69 V. pressure, .402

Clouds: Amount, 5; Kind, stu; Direction, S

Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH



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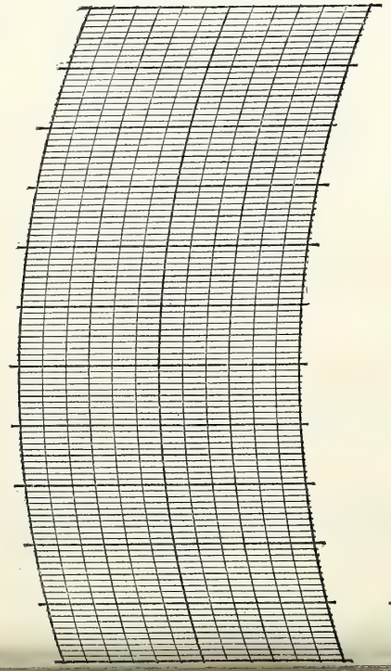

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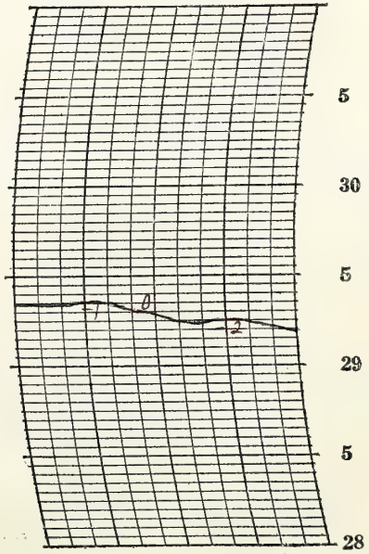


Prepared by CJS

Verified by E.L.H.

NOTES

Today had a cloudy sunrise with light sprinkles in the early morning. As a whole it was a partly cloudy day.

Special observation sent at 2:00 p.m. as requested by Chicago.

* Sunshine until 4:05 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 15 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	60	59	60	60	59	61	61	59	59	60
State of weather: Nature of precipitation and time of beginning and ending										RB 9:14 RE 9:18 RB 9:26	RE 10:55	
Amounts of precipitation										<.02	.03>	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:29 Cloudy											
Moonrise:	10:42p											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	16	18	15	13	14	15	15	19	25	24	21	23
Maximum velocities (exceeding 29 miles) direction and time									30 S 8:31			

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	59	59	59	58	58	57	53	50	47
State of weather: Nature of precipitation and time of beginning and ending	RB 12:10 RE 12:28	RB 1:18 RE 1:35							RB 8:10			RE DN/p
Amounts of precipitation	<.01	.03>							<T	T	T	.01>
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									4:23 Cloudy			
Moonset:									12:45p			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SW	S	S	S	S	S	S	S	W	W	W
Wind movement	21	15	13	12	12	12	12	14	13	11	12	13

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	47	54	

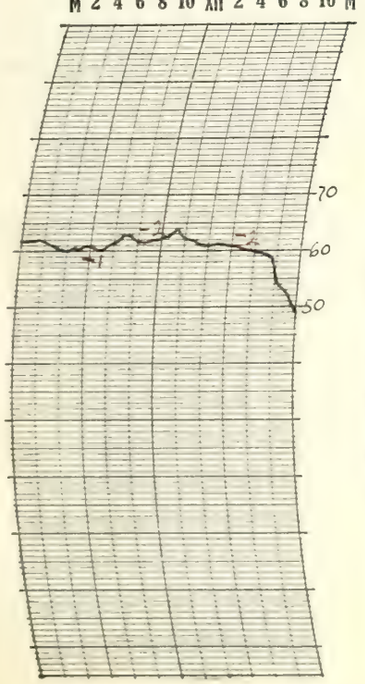
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.9 ins.
Total precipitation, midnight to midnight, 1.08 inches.
Character of day, Cloudy. Moon phase, Last Quarter 11:28 p.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 378
Average hourly velocity, 15.8 Extreme velocity, 33
Maximum velocity, 30 Direction, S
Time began, 8:31 a.m.
Reduced barometer, 29.95 7 a. m. 29.91 7 p. m.
River gage, 1.0
Relative humidity, 82 7 a. m. 89 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 60.3 Wet temperature, 57.9
Dew-point, 56 R. humidity, 87 V. pressure, .448
Clouds: Amount, 10; Kind, st cu; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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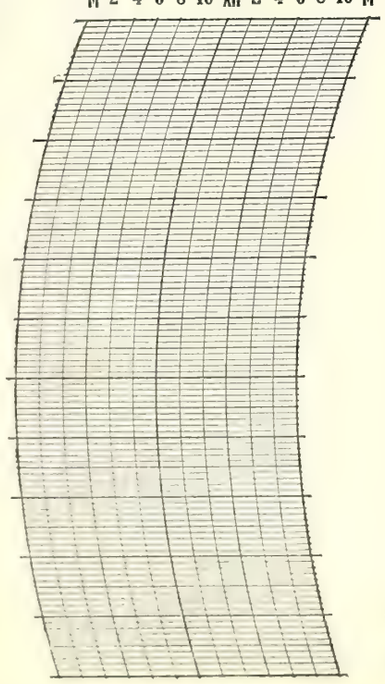
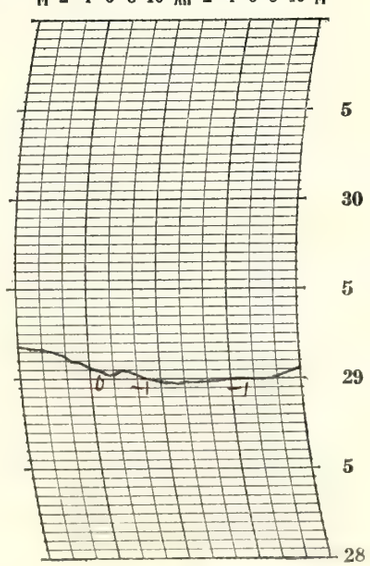


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A cloudy sunrise and sunset. Light showers have occurred throughout the day. During the early morning until 9:00 a.m. the sky was not quite overcast although it was cloudy.

Special observation sent at 2:00 P.M. as requested by Chicago

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 16 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47 44	43	42	40	39	39	40	40	40	41	41	42
State of weather: Nature of precipitation and time of beginning and ending											RB 10:37 RE 10:45	RB 11:53
Amounts of precipitation											T	T
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character	6:30 Cloudy											
Moonrise:	11:46p											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	11	9	10	10	8	8	5	7	6	6	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	40	39	38	36	35	34	33	32	32
State of weather: Nature of precipitation and time of beginning and ending			RE 2:25									
Amounts of precipitation	01	01	T									
Cloudiness and other conditions												
Sunset: Time, Character									4:22 Cloudy			
Moonset:									1:15p			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	9	9	10	10	10	11	11	9	11	11	11	9

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 215

Average hourly velocity, 9.0 Extreme velocity, 13

Maximum velocity, 13 Direction, N

Time began, 6:31 p.m.

Reduced barometer, 30.05 7 a. m. 30.04 7 p. m.

River gage, 1.5

Relative humidity, 91 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

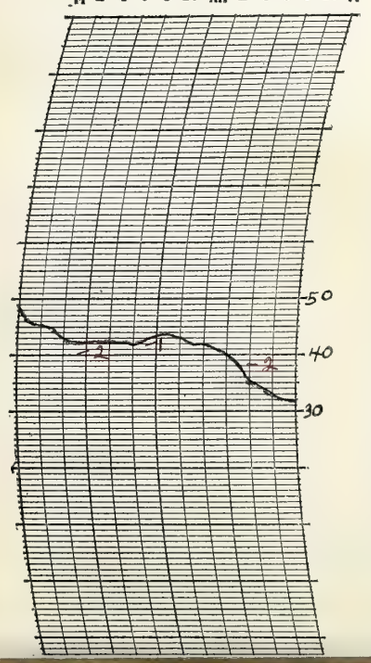
Dry temperature, 41.9 Wet temperature, 39.8

Dew-point, 38 R. humidity, 84 V. pressure, .228

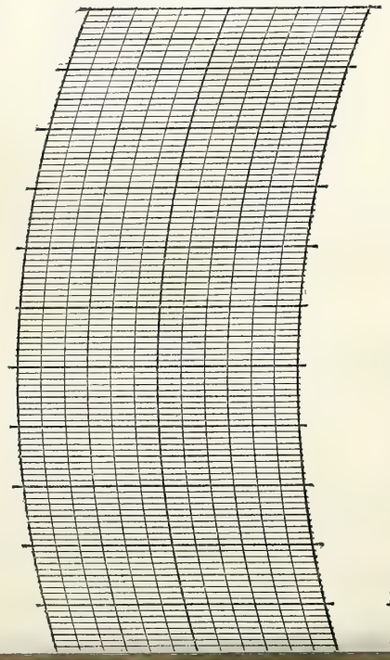
Clouds: Amount, 10; Kind, st cu; Direction, NW

Velocity of clouds (miles per hour)

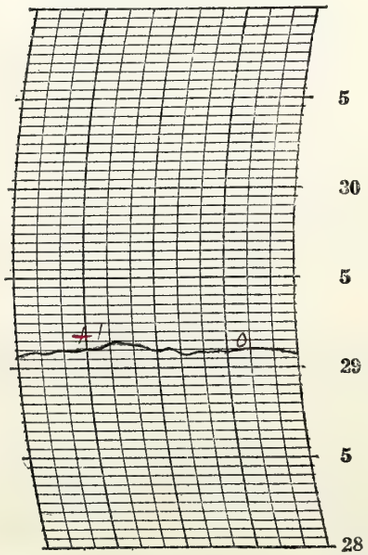
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

NOTES

The sky was cloudy all day. Light showers occured during the forenoon and noon. The day was colder and continued cloudy at night.

Form No. 1014—Mec 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 17 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	30	30	30	30	29	29	29	29	30	30	30	29	30	31	31	30	30	30	29	29	28	28	28
State of weather: Nature of precipitation and time of beginning and ending																				S m 7:05 S m E 7:30				
Amounts of precipitation																				T				
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0		0					
Wind direction	N	N *	N	N	N	N	N *	NW	N	N	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	10	8 ~~10~~	8 ~~10~~	8	8	8 ~~10~~	9 * ~~11~~	12	13	14	14	15	12	13	12	10	11	11	10	9	7	6	4	5

Sunrise: Time, 6:31 Character, Cloudy
Moonrise: — —

Sunset: Time, 4:21 Character, Cloudy
Moonset: 1:43 p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

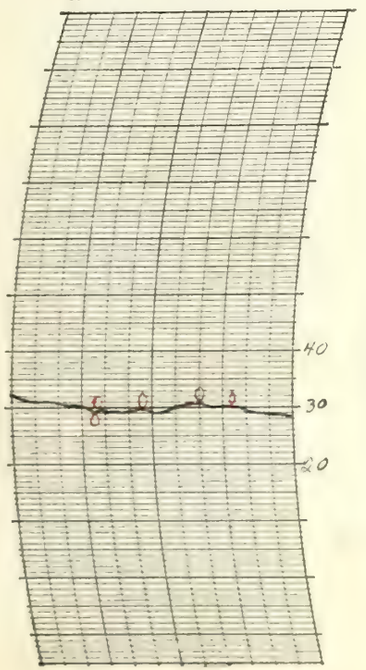
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	28	30	

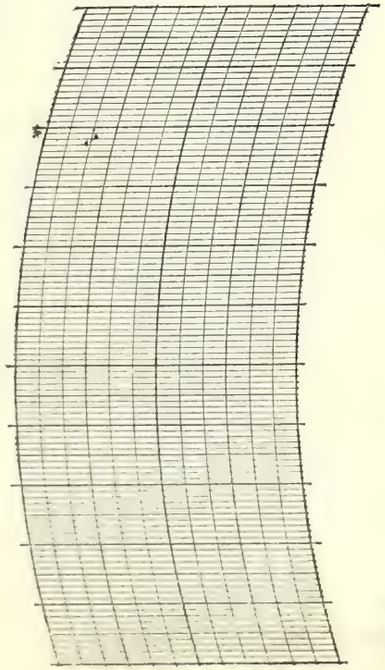
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 237
Average hourly velocity, ~~10.3~~ 9.9 Extreme velocity, 23
Maximum velocity, 21 Direction, NW
Time began, 11:20 p.m.
Reduced barometer, 29.97 7 a. m. 30.00 7 p. m.
River gage, 1.5
Relative humidity, 80 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 29.9 Wet temperature, 27.1
Dew-point, 22 R. humidity, 70 V. pressure, 11.3
Clouds: Amount, 10; Kind, stcu; Direction, NW
Velocity of clouds (miles per hour)

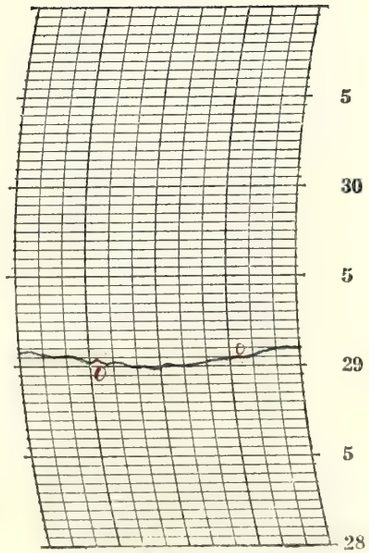
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. N.

8—486

NOTES

* Clock stopped at 1:40 a.m. Wind velocity and direction estimated until 6:55 a.m.

Drum retarded, due to dragging wind direction commencing 4:14 p.m. Velocity and direction estimated until 6:25 p.m.

It was a cold cloudy day. Continued cloudy in the evening. At 7:05 p.m. large snowflakes commenced to fall and ending at 7:30 p.m. The average hourly temperature was the coldest of the season being below freezing the entire day. This is the first time that the temperature did not rise above 31 this season for a maximum.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	26	27	27	28	28	28	29	30	32	33	34	34	33	30	29	28	28	28	28	28	28
State of weather. Nature of precipitation and time of beginning and ending																	S m B 4:20 S m E 4:40		S m B 6:15	S m E 7:10				S m B DNP
Amounts of precipitation																	T		T	T				T
Cloudiness and other conditions					← Cloudy										*Pt. Cldy*				Cloudy					→
Sunrise: Time, 6:32 Character, Cloudy																					Sunset: Time, 4:20 Character, Cloudy			
Moonrise: 12:47a																					Moonset: 2:07p			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.4	0.4 0.1 *	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	N	N	N	NW	NW	NW	NW	W
Wind movement	7	7	6	4	4	5	5	5	5	6	5	7	8	11	10	8	7	6	4	4	4	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

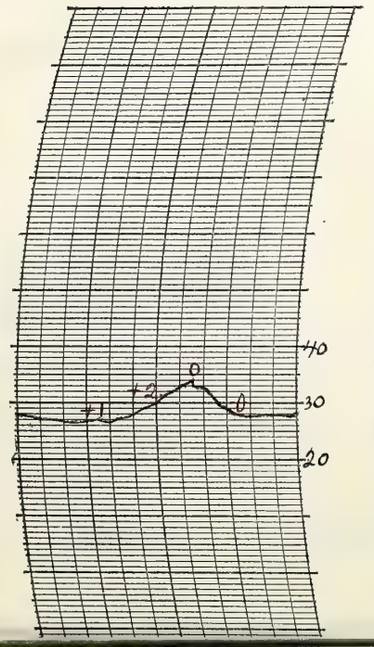
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	26	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.1 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 11
Prevailing wind direction, NW Total wind, 139
Average hourly velocity, 5.8 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 2:29 p.m.
Reduced barometer, 30.11 7 a. m. 30.24 7 p. m.
River gage, 1.1
Relative humidity, 77 7 a. m. 94 7 p. m.

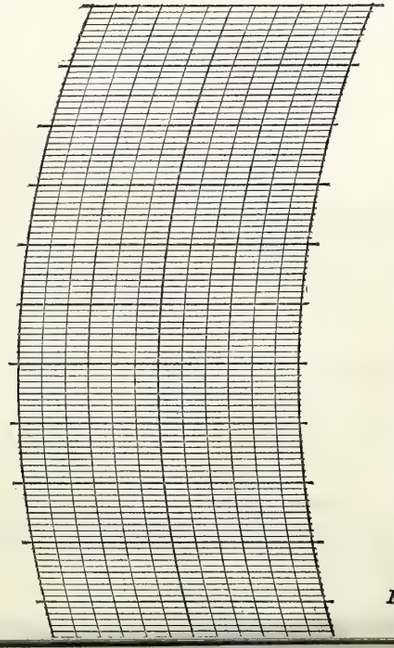
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.2 Wet temperature, 27.7
Dew-point, 19 R. humidity, 55 V. pressure, .098
Clouds: Amount, 9; Kind, Stratus; Direction, W
Velocity of clouds (miles per hour)

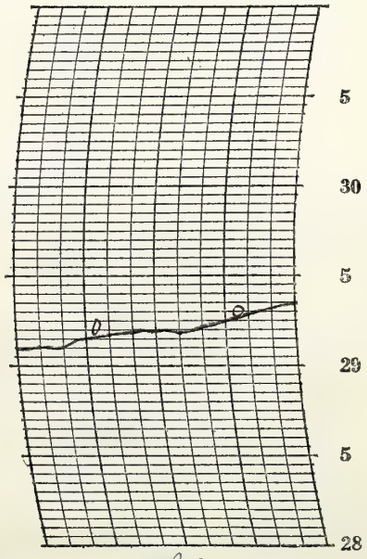
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

NOTES

* Eye observation

It was cloudy most of the day. However during the early part of the afternoon the sun broke through and shone for a little over an hour. Cloudy with light snows follwd at night.

Form No. 1012—Met. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 19 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	26	26	26	23	23	25	28	29	31	30	31	31	32	31	31	31	31	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending		SN																						
Amounts of precipitation	T	T																						
Cloudiness and other conditions					← Cldy	×	PT.	Cldy	×						Cloudy									→
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	NE	NE	S	SW	SW	SW	SW	S	SW	SW	SW	W	SW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	5	5	5	4	5	3	5	5	5	5	7	7	9	8	7	7	7	7	7	8	10	10	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:33; Character, Cloudy. Moonrise: 1:46 a

Sunset: Time, 4:20; Character, Cloudy. Moonset: 2:28 p

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	23		28

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 159

Average hourly velocity, 6.6 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 10:41 p.m.

Reduced barometer, 30.39 7 a. m. 30.41 7 p. m.

River gage, 1.1

Relative humidity, 90 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

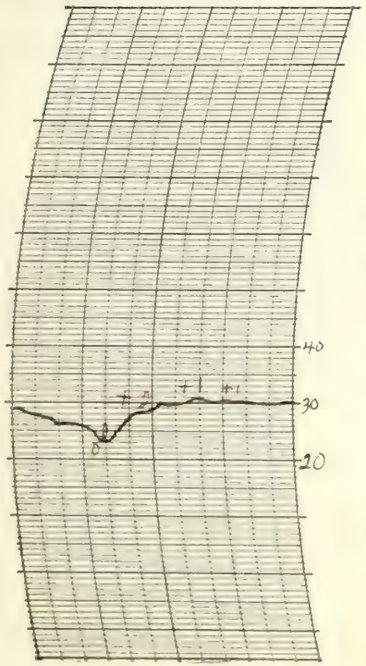
Dry temperature, 30.8 Wet temperature, 27.1

Dew-point, 20 R. humidity, 61 V. pressure, .103

Clouds: Amount, 10; Kind, st cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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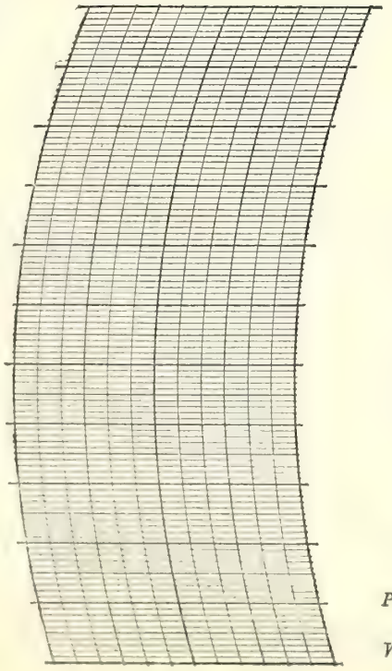
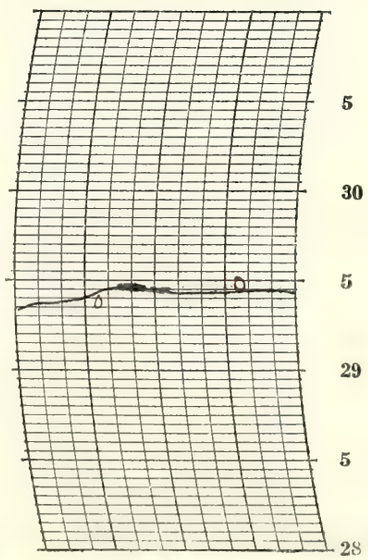


BAROGRAPH.



Prepared by

Verified by E. L. H.

8—486

NOTES

a cold, cloudy day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 20 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	32	32	33	33	34	34	35	36	39	40	40	41	43	42	42	42	41	41	43	42 RB 9:01	43	42 RE DNP
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy														
Sunshine (in tenths of hours)							0	0	0	0	0.3	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	9	10	10	9	10	10	10	10	12	16	17	17	16	17	16	15	14	15	15	17	15	14	15	12

Sunrise: Time, 6:35; Character, Cloudy. Moonrise: 2:45a

Sunset: Time, 4:19; Character, Cloudy. Moonset: 2:56p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	30	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.3 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 3

Prevailing wind direction, SW Total wind, 321

Average hourly velocity, 13.4 Extreme velocity, 23

Maximum velocity, 21 Direction, S

Time began, 2:30 p.m.

Reduced barometer, 30.35 7 a. m. 30.12 7 p. m.

River gage, 1.1

Relative humidity, 77 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

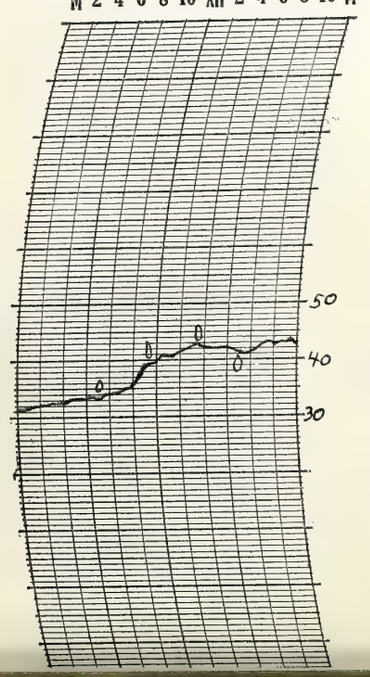
Dry temperature, 40.3 Wet temperature, 35.3

Dew-point, 28 R. humidity, 61 V. pressure, 15.0

Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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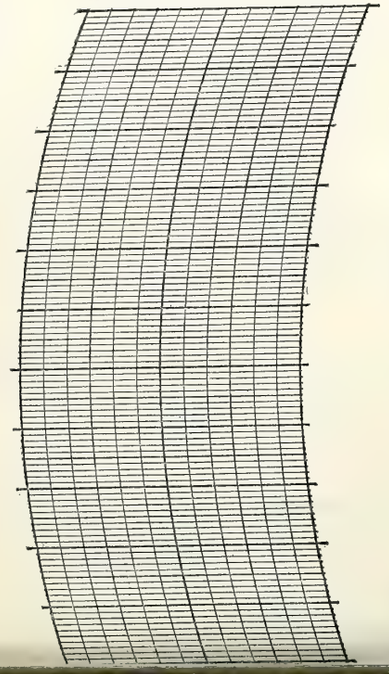
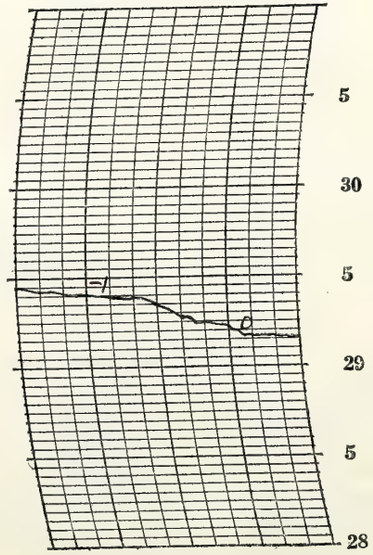


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—488

NOTES

A cloudy, mild day with light showers at night. Temperatures rose steadily during the day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 21 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	44	44	44	44	44	45	46	47	49	52	52	53	53	54	55	54	53	54	55	55	55	55
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy →																							
Sunrise: Time, 6:36 Character, Cloudy																					Sunset: Time, 4:18 Character, Cloudy			
Moonrise: 3:44a																					Moonset: 3:13p			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SW	SW
Wind movement	13	17	14	15	12	11	11	12	12	12	13	17	19	14	11	10	13	15	15	16	13	14	18	17
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

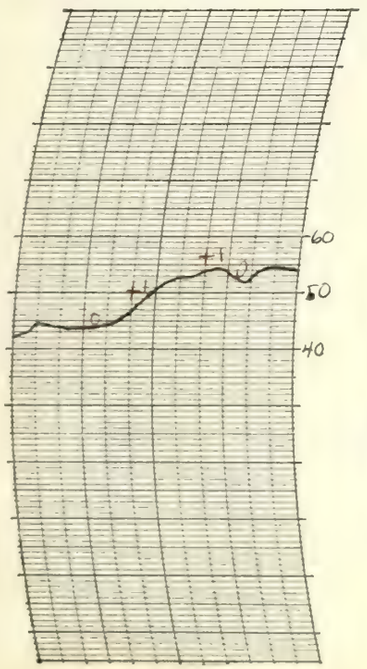
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 334
Average hourly velocity, 13.9 Extreme velocity, 25
Maximum velocity, 23 Direction, S
Time began, 10:45 p.m.
Reduced barometer, 30.05 7 a. m. 29.96 7 p. m.
River gage, 1.5
Relative humidity, 91 7 a. m. 72 7 p. m.

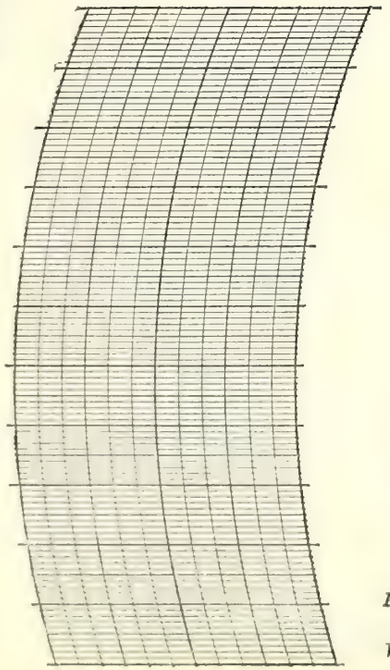
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.8 Wet temperature, 45.3
Dew-point, 39 R. humidity, 60 V. pressure, .237
Clouds: Amount, 10; Kind, stcu; Direction, SW
Velocity of clouds (miles per hour)

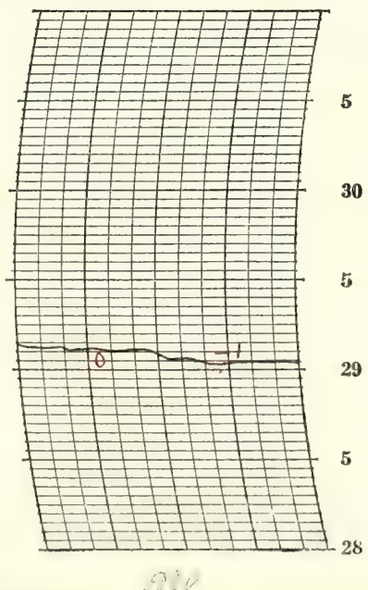
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH
Verified by E. L. J.

8—486

NOTES

A cloudy, mild day gradually becoming warmer with the highest temperatures during the evening

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 22 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	56	56	56	56	56	56	57	58	61	63	63	63	63	66	62	62	63	63	63	62	62	62
State of weather: Nature of precipitation and time of beginning and ending																						RB 9:50		
Amounts of precipitation																						T	06	04
Cloudiness and other conditions					←		Cloudy				x	P	x	Cloudy				Cloudy						→
Sunshine (in tenths of hours)							0	0	0	0	0.2	0.2	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	16	20	20	19	18	17	17	20	25	23	24	22	22	20	21	18	16	17	20	21	19	19	19

Sunrise: Time, 6:37 Character, Cloudy
Moonrise: 4:43a

Sunset: Time, 4:18 Character, Cloudy
Moonset: 3:37p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

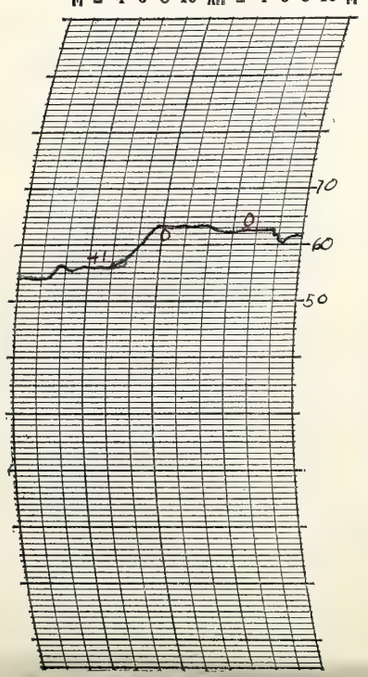
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	54	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 4
Prevailing wind direction, SW Total wind, 468
Average hourly velocity, 19.5 Extreme velocity, 31
Maximum velocity, 28 Direction, SW
Time began, 10:25 a.m.
Reduced barometer, 29.96 7a. m. 29.96 7p. m.
River gage, 1.3
Relative humidity, 69 7a. m. 72 7p. m.

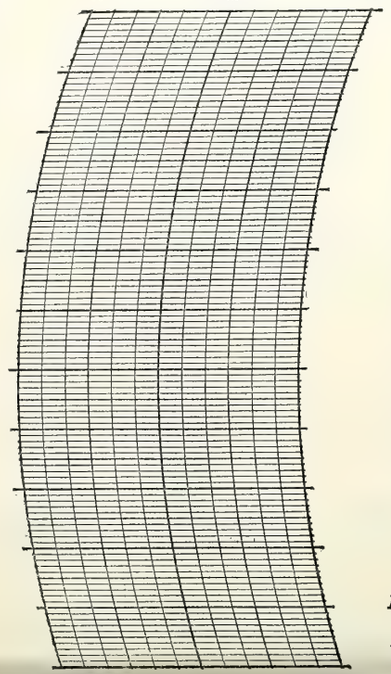
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.8 Wet temperature, 50.6
Dew-point, 39 R. humidity, 41 cu V. pressure, 1237 SW
Clouds: Amount, 8; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

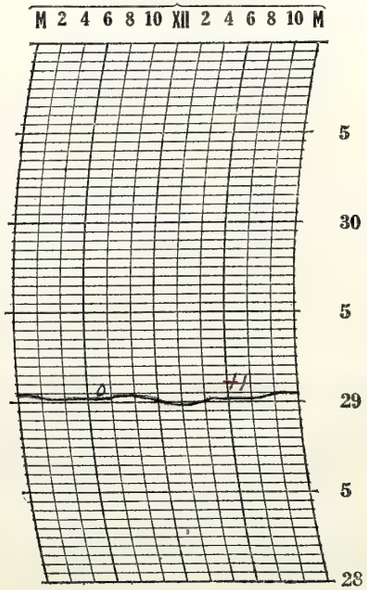
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

The day was cloudy except at about 11:00 a.m. when the sky was 5 overcast. The temperatures still continued rising from yesterday and remained above 62 for the rest of the evening. At 9:50 p.m. a light drizzle commenced and continued throughout the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 23 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	59	55	53	52	50	48	48	48	48	47
Nature of precipitation and time of beginning and ending				RE DNa								
Amounts of precipitation	03	03	04	T								
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	NW	W
Wind movement	20	20	14	13	12	12	10	9	8	8	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	48	48	48	48	48	47	46	45	44	44
Nature of precipitation and time of beginning and ending								RB 7:30				
Amounts of precipitation								04	08	10	13	11
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	N	N	SE	N	NE	E	E	NE	E
Wind movement	7	6	3	3	2	3	3	3	4	6	8	12

Cloudy

State of weather.

Sunrise: Time, 6:38 Character, Cloudy
Moonrise: 5:44a

Sunset: Time, 4:17 Character, Cloudy
Moonset: 4:03p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

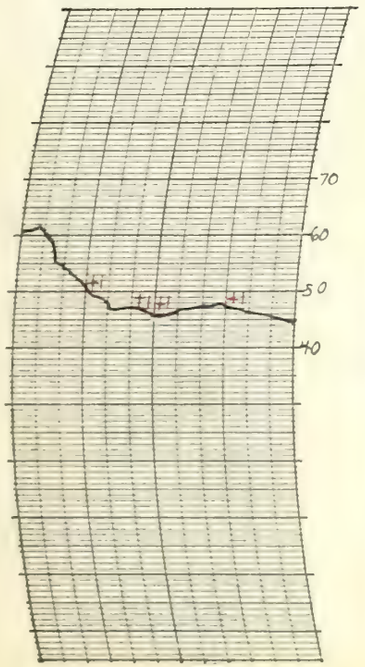
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	44	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .56 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 203
Average hourly velocity, 8.5 Extreme velocity, 25
Maximum velocity, 24 Direction, SW
Time began, 12:40 a.m.
Reduced barometer, 30.11 7a. m. 30.20 7p. m.
River gage, 1.1
Relative humidity, 87 7a. m. 81 7p. m.

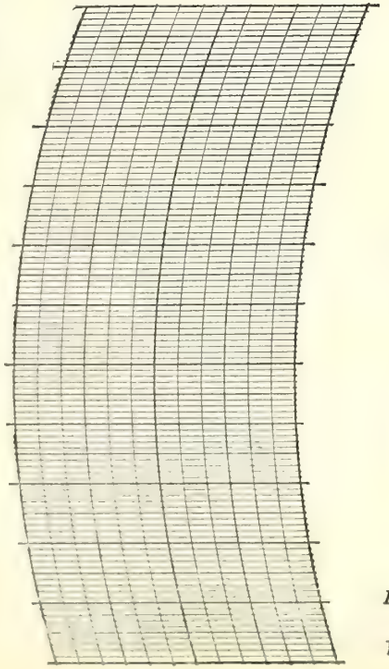
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.9 Wet temperature, 44.9
Dew-point, 43 R. humidity, 86 V. pressure, .272
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

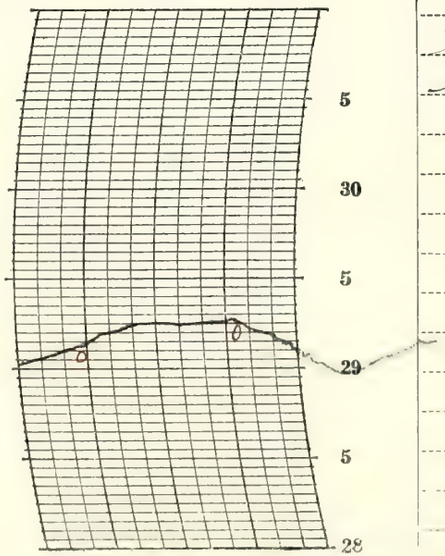
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

It was cloudy all day. During the early part of the morning and the later part of the evening there was rain

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 24 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	46	49	49	48 RE 6:00	47	46	46	45	45	45	44	44	44 RB 2:15	42 RE 3:30	42	43	43	42	41	41	40	40
State of weather: Nature of precipitation and time of beginning and ending															⌀	⌀								
Amounts of precipitation	-14	-15	-15	-10	-08	-06									←T	T→								
Cloudiness and other conditions	← Cloudy								×Pt cldy				← Cloudy											→

Sunrise: Time, 6:39; Character, Cloudy. Moonrise: 6:46a

Sunset: Time, 4:16; Character, Cloudy. Moonset: 4:35p

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.1	0	0	0	0	0	0	0	0							
Wind direction	NE	E	E	SE	SW	SW	SW	W	W	W	W	W	NW	NW	W	W	W	W	SW	SW	SW	SW	SW	W
Wind movement	11	12	8	4	14	17	17	16	17	19	17	15	12	9	11	11	10	8	7	7	8	6	10	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.15 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .68 inches.

Character of day, Cloudy. Moon phase, New - 4:09 a.m.

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 1

Prevailing wind direction, W Total wind, 275

Average hourly velocity, 11.5 Extreme velocity, 28

Maximum velocity, 26 Direction, W

Time began, 9:40 a.m.

Reduced barometer, 29.98 7 a. m. 30.15 7 p. m.

River gage, 1.8

Relative humidity, 87 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

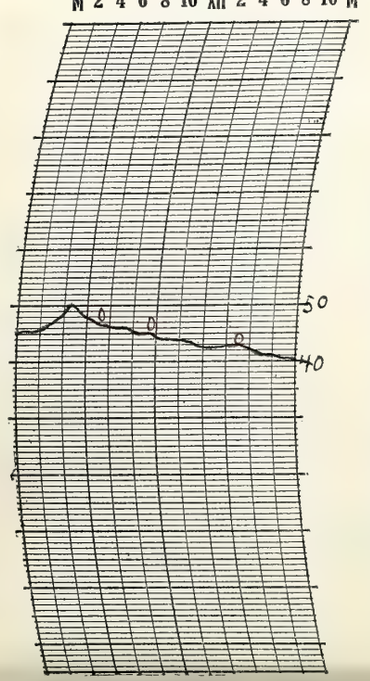
Dry temperature, 44.6 Wet temperature, 41.8

Dew-point, 39 R. humidity, 80 V. pressure, 237

Clouds: Amount, 10; Kind, St cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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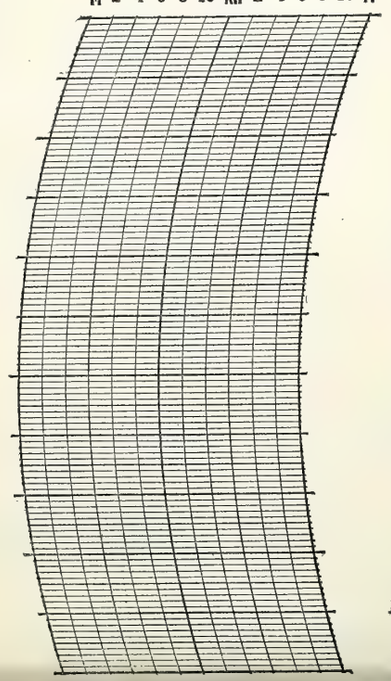
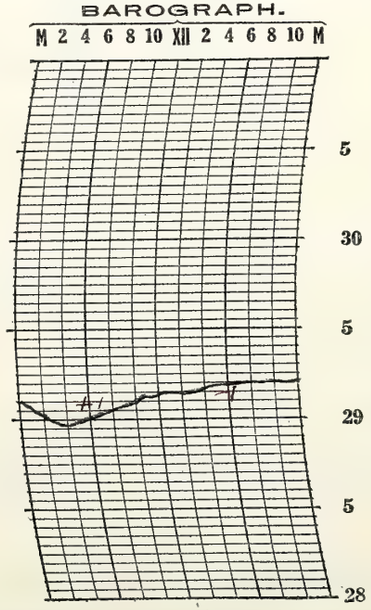


BAROGRAPH.



Prepared by E.J.S.

Verified by E.L.H.

NOTES

⌀ This rain fell in the form of a mist.

A very heavy rain occured during the night. The day was cloudy with mild temperatures.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 25 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	38	37	38	38	38	40	40	41	43	45	45	46	45	44	44	43	43	42	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy														XP X X X		PT. Cloudy				X	Clear →		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.5	0.5 *	1.0 *	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	9	9	8	8	9	6	11	10	11	12	11	11	11	10	7	7	7	8	10	13	12	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:41 Character, Cloudy
Moonrise: 7:47a

Sunset: Time, 4:16 Character, Cloudy
Moonset: 5:12p

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

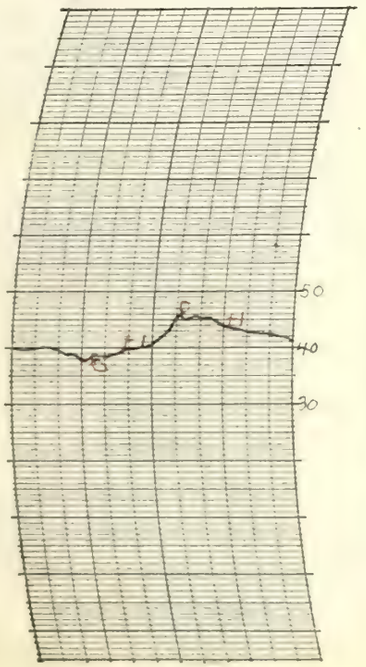
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 21
Prevailing wind direction, SW Total wind, 224
Average hourly velocity, 9.3 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 8:50 p.m.
Reduced barometer, 30.20 7a. m. 30.14 7p. m.
River gage, 5.6
Relative humidity, 81 7a. m. 74 7p. m.

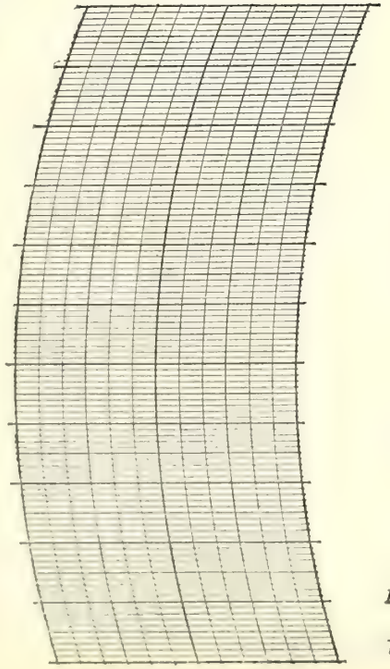
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.8 Wet temperature, 37.9
Dew-point, 34 R. humidity, 77 V. pressure, .195
Clouds: Amount, 10; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour)

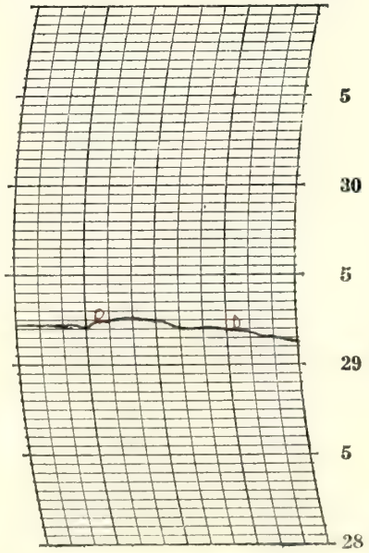
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—436

NOTES

* Sunshine by eye observation

It was a cloudy mild day. The afternoon was quite pleasant and many people were in the streets.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	43	44	45	46	48	51	54	56	59	60	62	62	63	63	63	63	63	63	63	64	64	64
						RB 5:25	RE 6:05															RB 9:25	RE 10:40	
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						←.02	T→															←T	0.14→	
Cloudiness and other conditions						←					Cloudy												→	
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	12	10	10	10	13	12	13	15	15	15	16	15	16	13	11	13	15	13	14	12	19	19

Sunrise: Time, 6:14a; Character, Cloudy. Moonrise: 8:47a

Sunset: Time, 4:15; Character, Cloudy. Moonset: 5:56p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

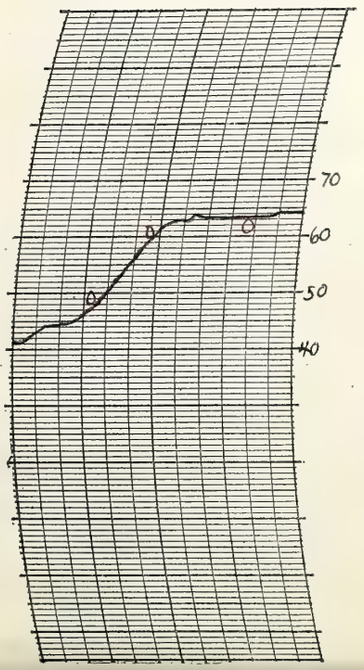
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 325
Average hourly velocity, 13.5 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 11:14 p.m.
Reduced barometer, 30.02 7 a. m. 29.94 7 p. m.
River gage, 4.3
Relative humidity, 90 7 a. m. 83 7 p. m.

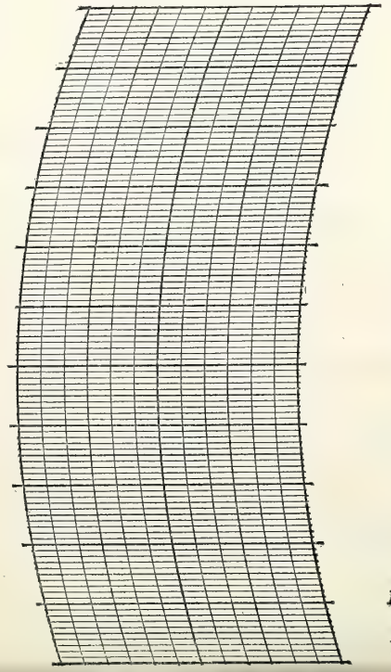
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 59.8 Wet temperature, 56.1
Dew-point, 53 R. humidity, 80 V. pressure, .402
Clouds: Amount, 10; Kind, stu; Direction, SW
Velocity of clouds (miles per hour)

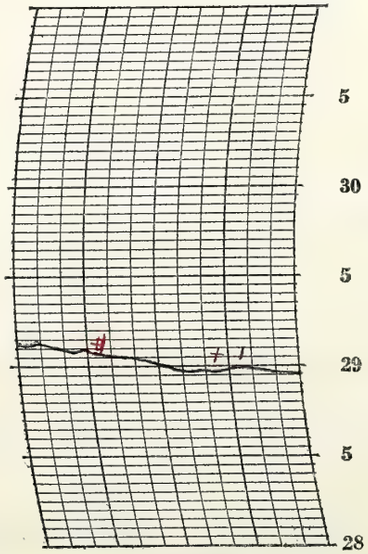
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJP

Verified by E. L. H.

8—486

NOTES

The day was cloudy with the sky completely overcast. A light shower occured before sunrise and another in the late evening. The temperatures were mild.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	63	63	62	62	61	61	62	61	54	48	45	44	44	44	44	43	43	43	42	41	40
State of weather: Nature of precipitation and time of beginning and ending													RB 12:20			RE 3:30							RB 10:40	
Amounts of precipitation													T	.01	T	T							.04	.08
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	N	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	19	23	26	15	16	13	16	17	11	7	9	9	12	16	16	14	15	13	14	13	15	13	14	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:43 Character, Cloudy
Moonrise: 9:44a

Sunset: Time, 4:15 Character, Cloudy
Moonset: 6:49p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

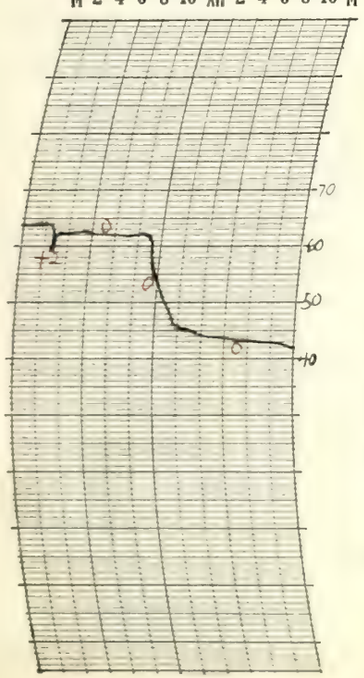
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 349
Average hourly velocity, 14.5 Extreme velocity, 30
Maximum velocity, 28 Direction, SW
Time began, 2:27 a.m.
Reduced barometer, 29.89 7 a. m. 30.06 7 p. m.
River gage, 3.6
Relative humidity, 74 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.9 Wet temperature, 51.6
Dew-point, 49 R. humidity, 86 V. pressure, .347
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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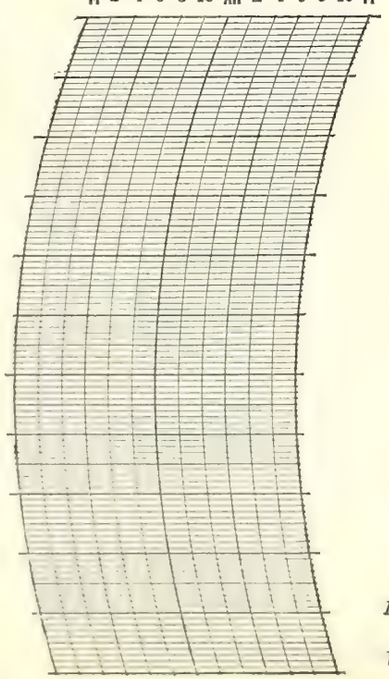
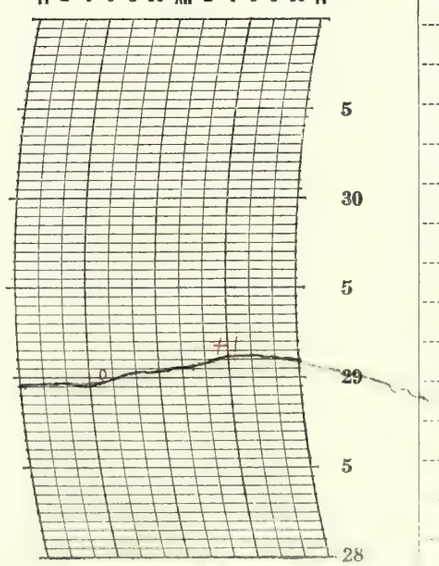


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	42	43	43	44	44	46	51	56	60	61
Nature of precipitation and time of beginning and ending										RE 10:10 RB 10:30		RE 11:30
Amounts of precipitation	.10	.12	.08	.08	.08	.10	.06	.09	.08	.08	.03	.02
Cloudiness and other conditions	Cloudy											
Wind direction	E	E	E	E	NE	E	E	E	E	S	SW	SW
Wind movement	13	12	10	9	7	8	6	5	3	7	13	14

Sunrise: Time, 6:44 Character, Cloudy

Moonrise: 10:35a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	63	60	59	59	61	54	56	53	51	50
Nature of precipitation and time of beginning and ending	RB 12:25		RE 2:30	RB 3:00 RE 3:45				RB 7:12	RE 8:45			
Amounts of precipitation	.01	.01	.02	.08				.16	.02			
Cloudiness and other conditions	Cloudy						Ph Cdy		Cloudy			
Wind direction	S	SW	SW	SW	S	SW	S	SW	W	W	W	W
Wind movement	16	15	14	15	18	19	24	29	20	14	15	12

Maximum velocities (exceeding 29 miles) direction and time: 30 S 6:36; 30 SW 7:30

Sunset: Time, 4:15 Character, Cloudy

Moonset: 7:48p

Sunshine (in tenths of hours): 0 0 0 0 0 0 0 0 0 0 0 0

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .73 ins.; to 7 p. m., .43 ins.

Total precipitation, midnight to midnight, 1.22 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 318

Average hourly velocity, 13.2 Extreme velocity, 40

Maximum velocity, 38 Direction, SW

Time began, 7:30 p.m.

Reduced barometer, 29.90 7 a. m. 29.56 7 p. m.

River gage, 4.1

Relative humidity, 95 7 a. m. 73 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

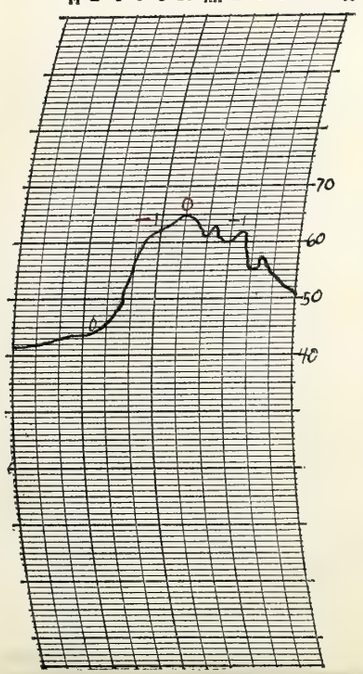
Dry temperature, 61.1 Wet temperature, 58.2

Dew-point, 56 R. humidity, 84 V. pressure, .448

Clouds: Amount, 10; Kind, strat; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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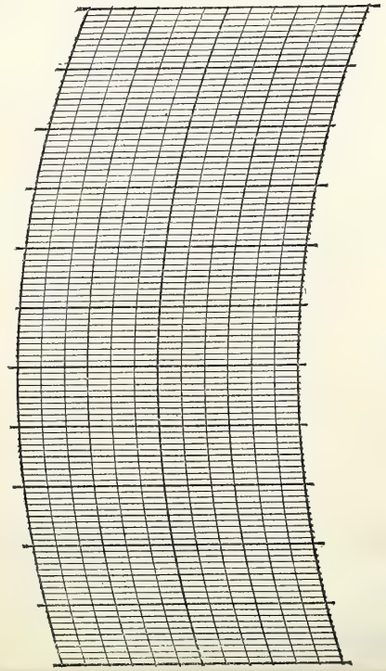
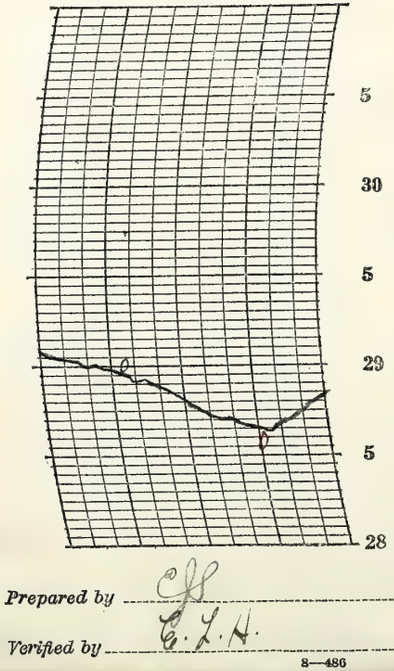


BAROGRAPH.



Prepared by CJS

Verified by C. L. H.

8—486

NOTES

Storm from Snow

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 29 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	50	50	48	48	45	46	51	52	56	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									PT. Cldy	X	Cldy	X
Sunrise: Time, 6:45 Character, Cloudy												
Moonrise: 11:19a												
Sunshine (in tenths of hours)							0	0	0.4	0	0.1	0
Wind direction	W	W	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	15	13	10	6	8	8	10	11	9	13	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	67	67	65	64	64	64	64	65	65	58 AB 10:20	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation											+.20	.25
Cloudiness and other conditions	X	PT. Cldy	X	Clear				X	PT. Cldy	X	Cldy	→
Sunset: Time, 4:14 Character, Cloudy												
Moonset: 8:52p												
Sunshine (in tenths of hours)	0.8	0.9	0.9	0.5	0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	NW
Wind movement	15	17	16	15	13	14	18	19	17	14	12	8

Maximum velocities (exceeding 29 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.45 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.6 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 38
Prevailing wind direction, S Total wind, 306
Average hourly velocity, 12.8 Extreme velocity, 30
Maximum velocity, 23 Direction, W
Time began, 10:26 p.m.
Reduced barometer, 29.84 7 a. m. 29.66 7 p. m.
River gage, 10.7
Relative humidity, 94 7 a. m. 80 7 p. m.

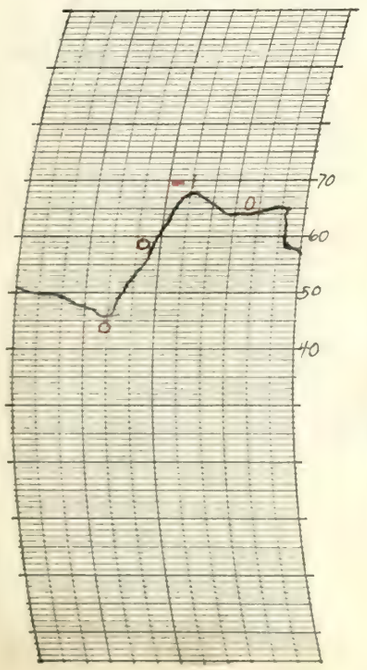
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

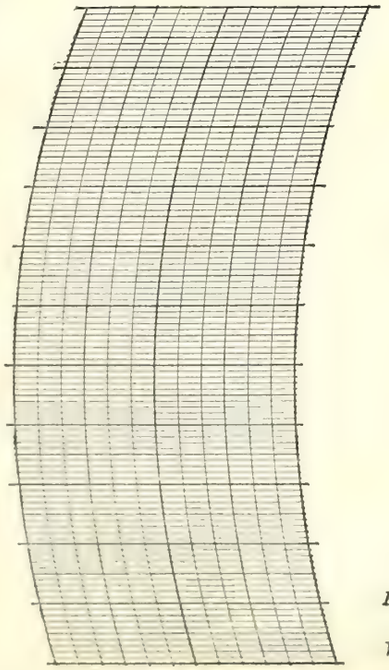
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.9 Wet temperature, 51.8
Dew-point, 46 R. humidity, 62 V. pressure, .310
Clouds: Amount, 2 (7); Kind, ~~Ci.~~ Cu.; Direction, SW (SW)
Velocity of clouds (miles per hour)

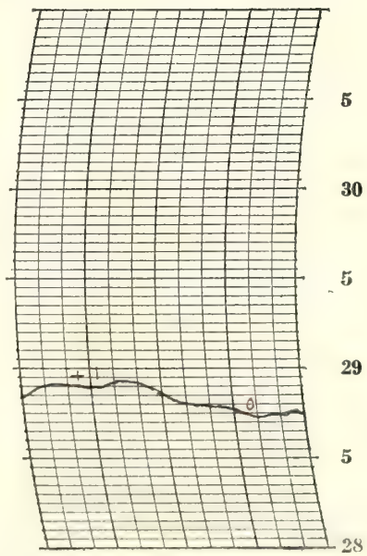
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.
Verified by E.L.H.

8—486

NOTES

Thunder heard at 10:30 p.m

Special observation sent at noon, as requested by Chicago.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 30 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	49	47	45	43	43	42	41	38	34
							RE 6:50	RE 7:50				SM6 11:25 RE 11:35
State of weather. Nature of precipitation and time of beginning and ending	#											
Amounts of precipitation	.20	.19	.14	.13	.12	.11	.10	.08	.09	.11	.12	.08
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	NW	N	N	NW	NW	N	N	N	N	N	N
Wind movement	12	6	7	3	8	15	12	13	11	4	16	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	29	29	30	29	27	27	26	27
							RE 6:50					
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.03	.02	.02	.02	.02	.02	.02					
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	N	N	NW	NW	NW	NW	NW	W	W	W
Wind movement	14	14	15	17	20	12	8	10	10	7	5	5

Sunrise: Time, 6:46 Character, Cloudy

Moonrise: 11:56a

Sunset: Time, 4:14 Character, Cloudy

Moonset: 10:02p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	26	42	

Total depth of snow for 24 hours ending 7 p. m., 5.0 inches.

Snow, sleet, and hail on ground 7 p. m., 4.0 inches.

Total snowfall, midnight to midnight, 5.0 inches.

Precipitation to 7 a. m., 1.44 ins.; to 7 p. m., 0.58 ins.

Total precipitation, midnight to midnight, 1.57 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 0

Prevailing wind direction, N Total wind, 267

Average hourly velocity, 11.1 Extreme velocity, 28

Maximum velocity, 25 Direction, NW

Time began, 4:10 p. m.

Reduced barometer, 29.74 7a. m. 30.04 7p. m.

River gage, 18.0

Relative humidity, 98 7a. m. 100 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

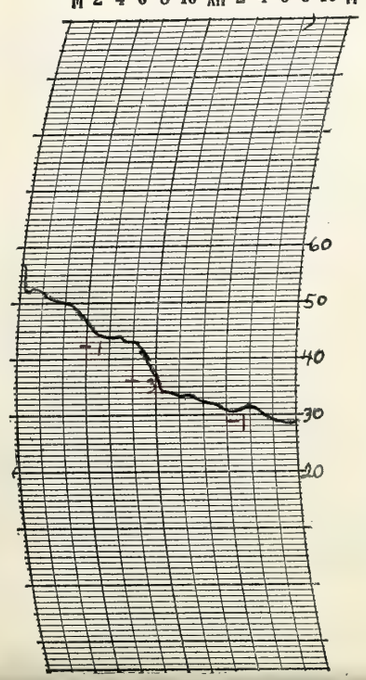
Dry temperature, 34.0 Wet temperature, 33.9

Dew-point, 34 R. humidity, 99 V. pressure, 195

Clouds: Amount, 10; Kind, St; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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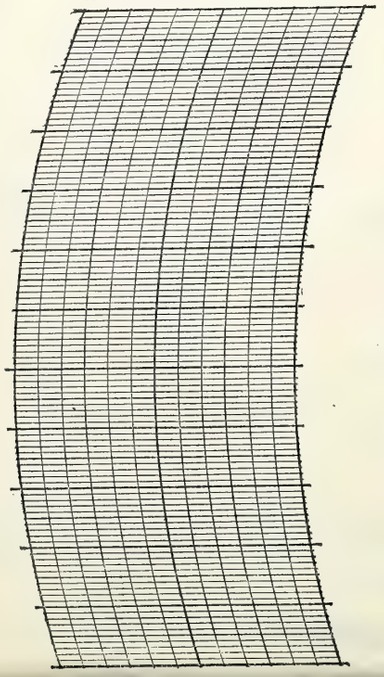

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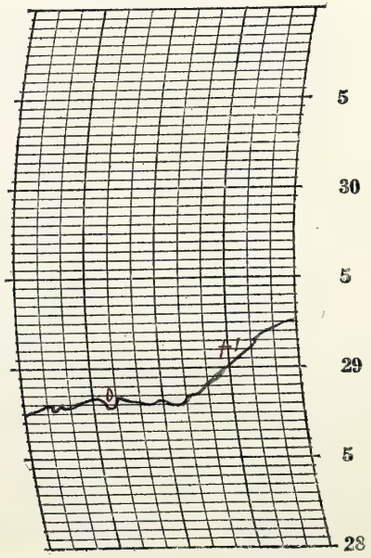


Prepared by EJF

Verified by E.L.H.

8—486

NOTES

#Hourly amounts estimated

Special observation sent at noon, as requested by Chicago.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 1 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	23	22	21	20	22	25	27	30	29	32	33	32	31	31	30	29	29	29	30	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy						Clear					×		Pt. Cloudy						→
Sunshine (in tenths of hours)							0	0	0.1	1.0	1.0	1.0	0.9	1.0	0.9 0.1	0.5 0	0							
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	6	9	6	6	7	7	5	6	6	5	5	5	7	7	5	5	6	7	6	3	4	2	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:47; Character, Cloudy. Moonrise: 12:29 p

Sunset: Time, 4:14; Character, Cloudy. Moonset: 11:11 p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	20	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 3.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, First Quarter 8:45 p m.

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 6.5 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 69

Prevailing wind direction, SW Total wind, 135

Average hourly velocity, 5.6 Extreme velocity, 10

Maximum velocity, 10 Direction, SW

Time began, 2:43 2 m.

Reduced barometer, 30.38 7 a. m. 30.30 7 p. m.

River gage, 18.0

Relative humidity, 96 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

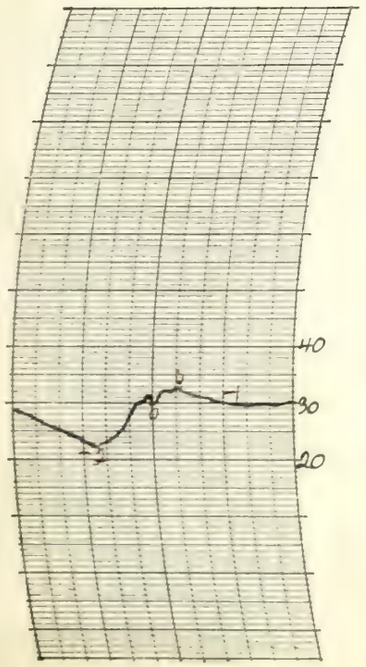
Dry temperature, 28.9 Wet temperature, 26.1

Dew-point, 20 R. humidity, 69 V. pressure, .103

Clouds: Amount, 2; Kind, a st; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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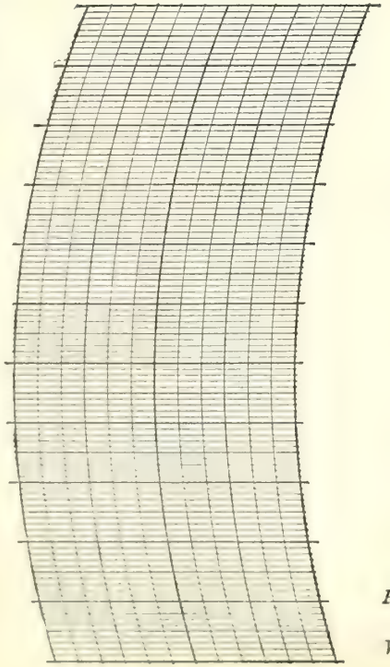
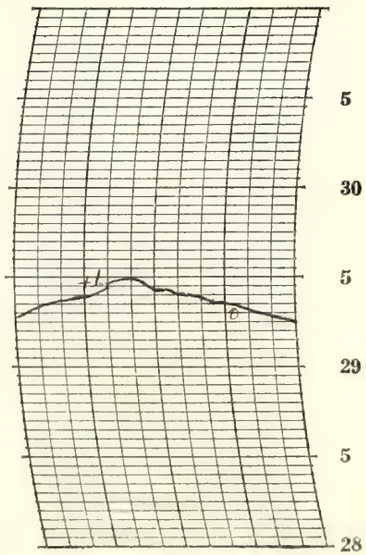


BAROGRAPH.



Prepared by CJS

Verified by E. H.

8—486

NOTES

About two to three tenths of the sky was covered most of the day. The temperature rose to 33 and remained around 30 during the rest of the day. The river remained the same as yesterday, three feet above flood stage.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 2 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	29	28	28	29	28	28	27	27	27	27	27	27	27	27	26	26	26	27	26	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Cloudy						×	Pt Cldy	×	Cldy	×	Pt Cldy				→
Sunrise: Time, 6:48 Character, Cloudy																					Sunset: Time, 4:13 Character, Cloudy			
Moonrise: 1:00 p																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	0	0	0	0	0	0							
Wind direction	S	S	SW	S	SW	SW	W	W	W	NW	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	5	7	8	7	8	10	11	10	15	15	15	13	12	10	9	8	7	7	8	9	6	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

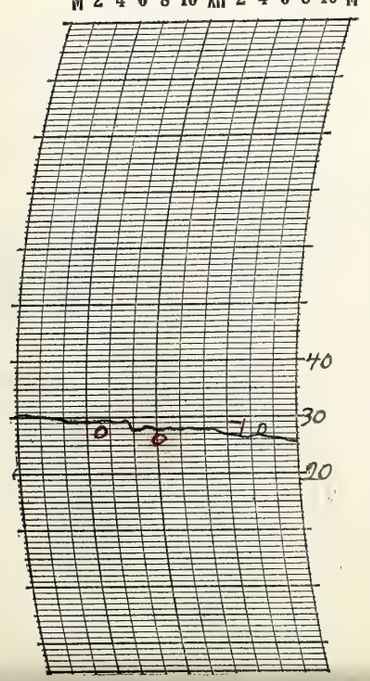
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	25	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 1
Prevailing wind direction, NW Total wind, 216
Average hourly velocity, 9.0 Extreme velocity, 26
Maximum velocity, 22 Direction, NW
Time began, 9:31 a.m.
Reduced barometer, 30.11 7 a. m. 30.23 7 p. m.
River gage, 18.1 feet
Relative humidity, 82 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.3 Wet temperature, 25.1
Dew-point, 21 R. humidity, 70 V. pressure, .108
Clouds: Amount, 7 2; Kind, ~~Cu~~ Strat; Direction, NW NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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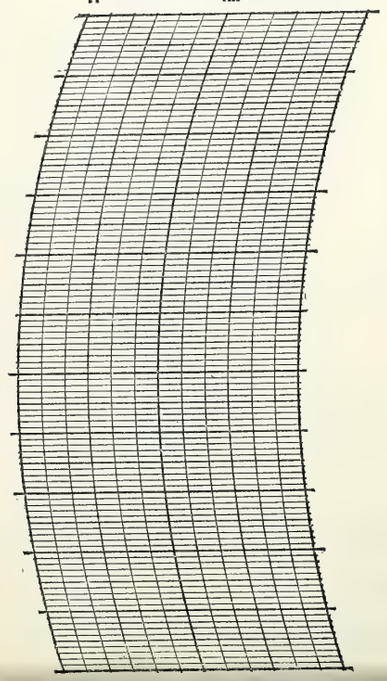
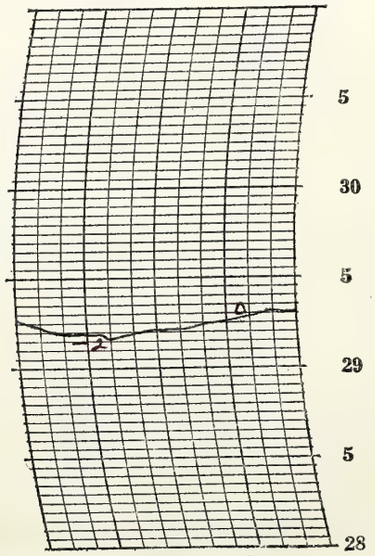


BAROGRAPH.



Prepared by CJS

Verified by E.L.A

8—486

NOTES

The temperature fell most of the day. The sky was totally overcast until 9:00 AM when the clouds commenced breaking up and by 2:00 p.m. it became partly cloudy. It again clouded up for about 2 hours and at 7:00 p.m. commenced clearing. The stars were visible between the clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 3 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	23	22	21	20	22	24	24	24	24	24	24	22	21	21	21	20	20	20	23	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← PT Cldy												Clear											→
Sunshine (in tenths of hours)							0	0	0.1	0.9	0.7	0.9	0.6	1.0	*0.8 02	* 0	*.52 0							
Wind direction	NW	NW	W	W	WN		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	4	4	3	3	3	6	7	7	8	11	13	13	14	14	14	15	12	11	8	10	8	9	9	9

Sunrise: Time, 6:49 Character, Cloudy
Moonrise: 1:28p
Sunset: Time, 4:13 Character, Clear
Moonset: 12:23a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

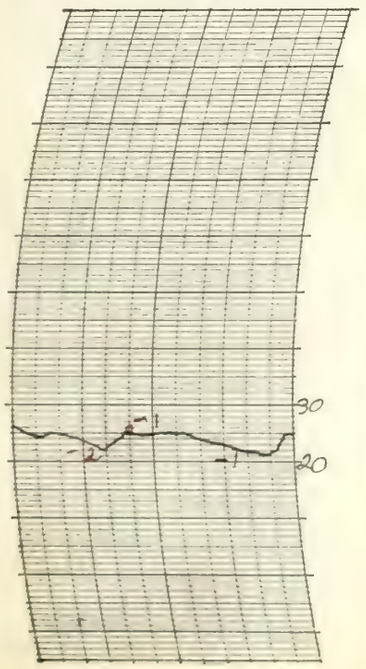
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	20	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 18 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 6.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 68
Prevailing wind direction, NE Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 22
Maximum velocity, 21 Direction, NE
Time began, 2:50 p.m.
Reduced barometer, 30.42 7 a. m. 30.55 7 p. m.
River gage, 18.2 ft
Relative humidity, 83 7 a. m. 86 7 p. m.

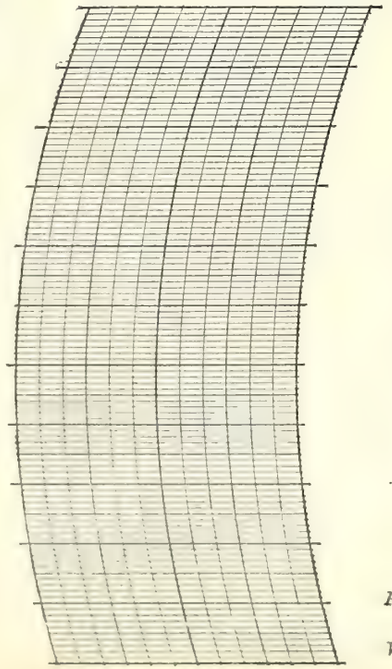
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.2 Wet temperature, 21.9
Dew-point, 17 R. humidity, 71 V. pressure, .089
Clouds: Amount, 2; Kind, cu; Direction, E
Velocity of clouds (miles per hour)

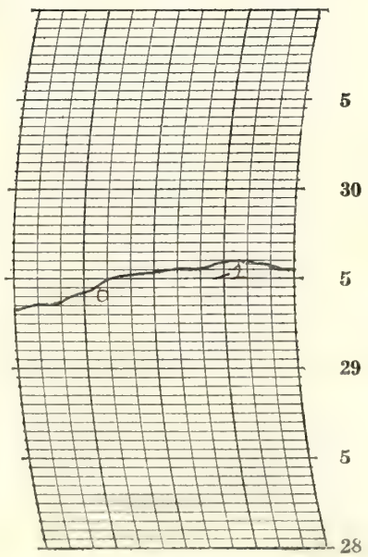
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. J. H.

8—486

NOTES

*Sunshine by eye observation from 2:12 p.m. to sunset.

There were about 2 or 3 of clouds the entire day except in the early morning

River gage read 17.8 at 2:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 4 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	24	24	24	24	24	25	26	27	28	29	31	32	31	30	29	29	28	28	27	27	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy	×	Pt	Cldy ×							Clear								→
Sunshine (in tenths of hours)							0	0	0.2	0.5	1.0	1.0	0.8	*0.6 0.2	* 1.0	* 1.0	*.22 0							
Wind direction	E	E	E	E	E	NE	NE	NE	E	E	E	E	E	SE	SE	SE	SE	SE	S	S	S	SW	SW	SW
Wind movement	9	14	9	11	12	11	9	9	13	9	7	5	4	4	3	3	3	4	4	6	7	7	8	9

Sunrise: Time, 6:50 Character, Cloudy

Moonrise: 1:55p

Sunset: Time, 4:13 Character, Clear

Moonset: 1:36a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	24	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 4.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 6.5 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 69

Prevailing wind direction, E Total wind, 180

Average hourly velocity, 7.5 Extreme velocity, 21

Maximum velocity, 19 Direction, E

Time began, 1:21 a m.

Reduced barometer, 30.45 7a. m. 30.17 7p. m.

River gage, 17.4

Relative humidity, 67 7a. m. 61 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

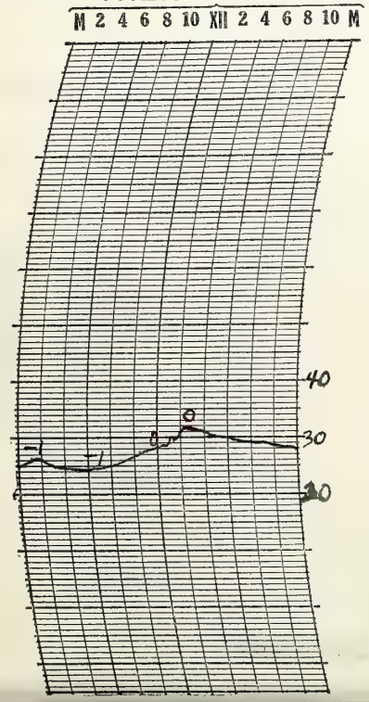
Dry temperature, 28.4 Wet temperature, 23.4

Dew-point, 11 R. humidity, 44 V. pressure, .066

Clouds: Amount, 1; Kind, cst; Direction, NW.

Velocity of clouds (miles per hour)

THERMOGRAPH



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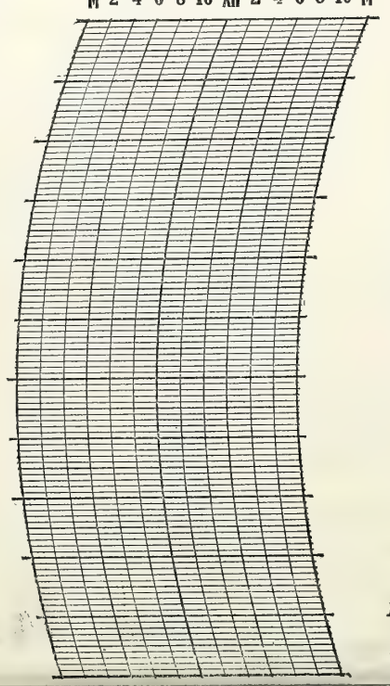
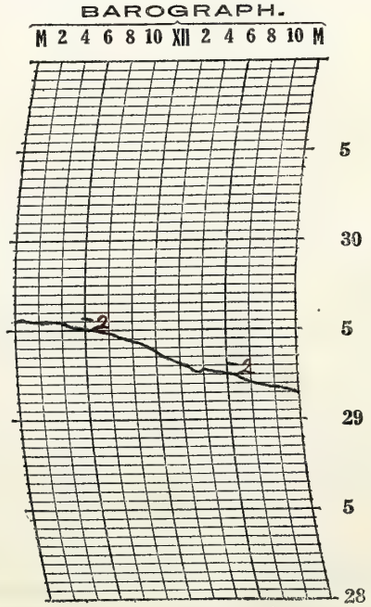


BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

8—486

NOTES

* Sunshine by eye observation from 1:25 p.m. to sunset.

The sky commenced clearing at 6:00 a.m. becoming clear at 8:50 a.m. The rest of the day there were some clouds visible but it continued clear into the night. It was a cold, pleasant day; cloudy in the early morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 5 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	27	25	23	21	20	23	26	29	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunrise: Time, 6:51 Character, Clear												
Moonrise: 2:25p												
Sunshine (in tenths of hours)							0.15 / 0	1.0 / 0	* 1.0 / 0	* 0.6 / 0.4	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	9	11	8	10	9	9	11	15	15	18	18
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	37	38	37	35	34	33	32	32	32	31	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunset: Time, 4:13 Character, Clear												
Moonset: 2:50a												
Sunshine (in tenths of hours)	1.0 / 0	1.0 / 0	1.0 / 0	0.8 / 0.2	0.22 / 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	17	14	17	13	11	12	9	12	11	10	9

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	20	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 278
Average hourly velocity, 12.4 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 10:29 a.m.
Reduced barometer, 30.08 7 a. m. 29.99 7 p. m.
River gage, 15.8
Relative humidity, 76 7 a. m. 68 7 p. m.

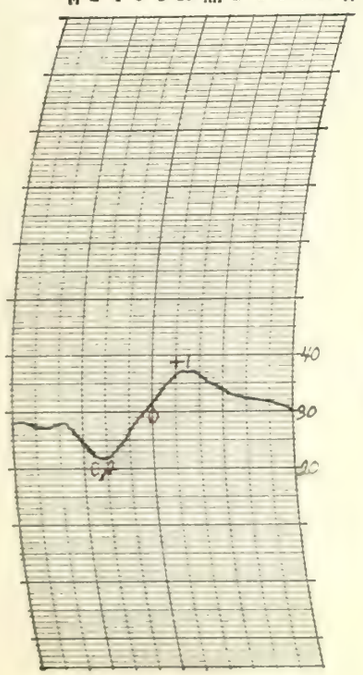
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.6 Wet temperature, 26.9
Dew-point, 20 R. humidity, 61 V. pressure, .103
Clouds: Amount, Few; Kind, ci; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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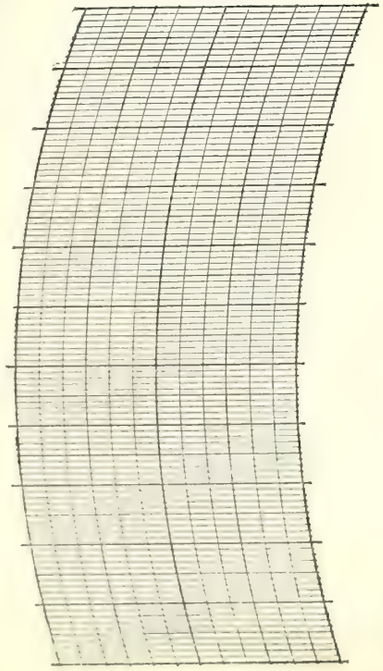
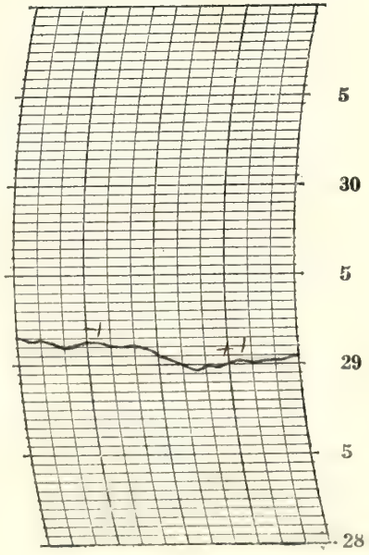


BAROGRAPH.



Prepared by E.H.
Verified by E.E.H.

8—486

NOTES

The day was clear and the temperatures were mostly below freezing except during the early part of the afternoon

* Eye observation

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 6 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	27	27	28	28	30	33	36	38	39
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear			×	Pt	×	Cloudy	
Sunshine (in tenths of hours)							0	0	0	0.4	0	0
Wind direction	SW	SW	S	S	S	S	S	S	S	S	S	S
Wind movement	8	8	8	9	8	10	9	6	7	4	7	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	39	39	40	40	40	41	39	38	38
Nature of precipitation and time of beginning and ending			RB 2:30									
Amounts of precipitation			←		10		×			25		→
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E
Wind movement	6	5	5	6	7	5	7	3	4	5	5	5

Sunrise: Time, 6:52 Character, Cloudy
Moonrise: 2:57p

Sunset: Time, 4:13 Character, Cloudy
Moonset: 4:06a

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	27	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 10 ins.
Total precipitation, midnight to midnight, 0.35 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 4
Prevailing wind direction, S Total wind, 152
Average hourly velocity, 5.9 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 5:47 a.m.
Reduced barometer, 29.96 7 a. m. 29.87 7 p. m.
River gage, 13.0 ft.
Relative humidity, 79 7 a. m. 87 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

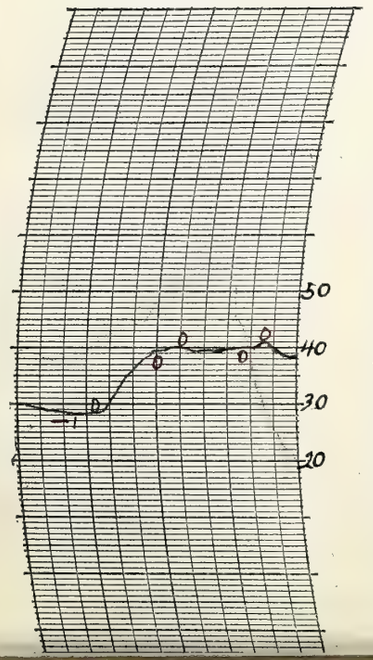
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 39.3 Wet temperature, 35.9
Dew-point, 32 R. humidity, 74 V. pressure, .180
Clouds: Amount, 10; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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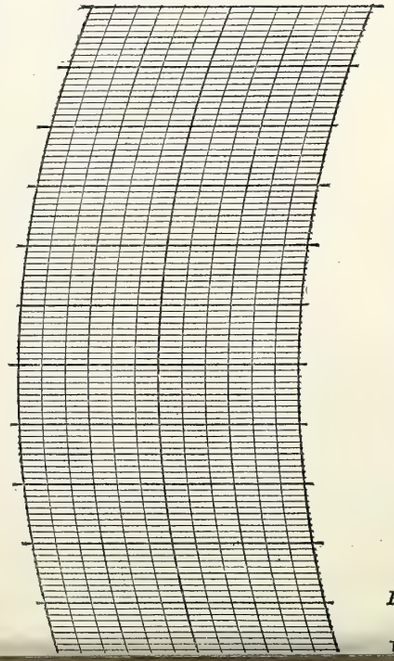
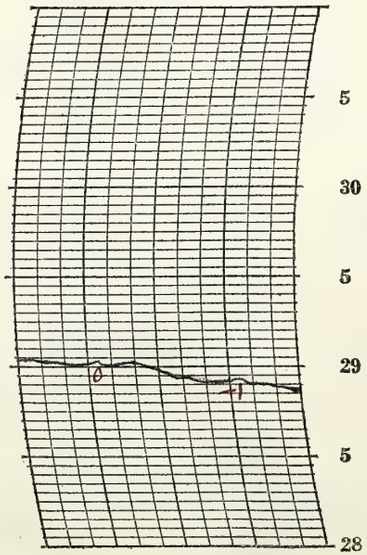


BAROGRAPH.



Prepared by CJS
Verified by E. H.

NOTES

During the early morning it was clear but by shortly after 8:00 a.m it was cloudy. Rain commenced falling during the middle of the afternoon and continued into the night.

Cold wave warning received 8:55 a.m. Flag hoisted immediately

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 7 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	38	39	39	41	42	43	44	46	49	50	53	53	54	54	55	44	38	32	26	21	17
												RE 11:10		RB 1:30					RE 6:15 RB 6:58	RE 7:30				
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation			35										40						T	02				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	4	5	5	4	6	6	9	14	14	17	21	24	23	26	24	20	18	18	20	26	25	29	30	34
Maximum velocities (exceeding 29 miles) direction and time																				33 SW 7:25	30 W 8:38	39 SW 9:14	36 SW 10:02	42 SW 11:23

Sunrise: Time, 6:53 Character, Cloudy
Moonrise: 3:32 p
Sunset: Time, 4:13 Character, Cloudy
Moonset: 5:24 a

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

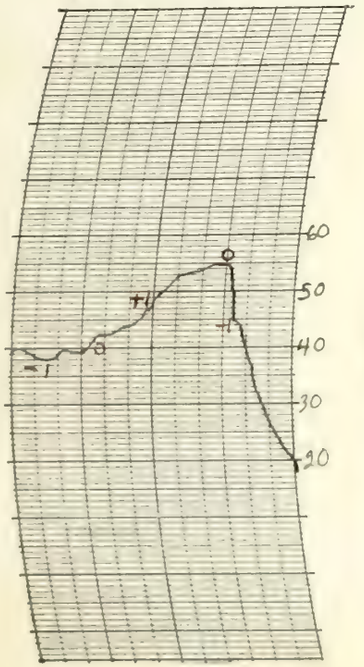
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	17	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .60 ins.; to 7 p. m., .40 ins.
Total precipitation, midnight to midnight, .97 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 422
Average hourly velocity, 17.6 Extreme velocity, 48
Maximum velocity, 42 Direction, SW
Time began, 11:23 p.m.
Reduced barometer, 29.62 7a. m. 29.24 7p. m.
River gage, 11.1 ft.
Relative humidity, 100 7a. m. 89 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.8 Wet temperature, 45.7
Dew-point, 43 R. humidity, 79 V. pressure, .277
Clouds: Amount, 10; Kind, st cu; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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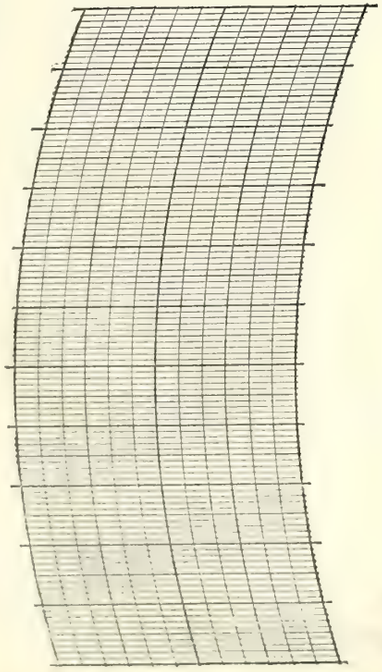
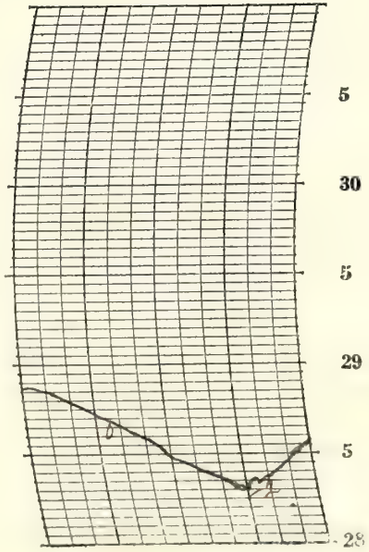


BAROGRAPH.



Prepared by E. L. H.
Verified by E. L. H.

8—486

NOTES

The rain fell fairly steady most of the day except about noon when there was no precipitation. At 1:30 p.m. rain again commenced falling and continued until shortly after 6:00 p.m. It began to rain very shortly before 7:00 p.m. but soon stopped in half an hour. High winds were experienced during the later part of the evening

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 8 1927, 192

90

Time (local standard) ____ mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	14	11	9	8	7	6	5	4	5	5	6	7	6	7	6	7	7	7	7	6	5	5	5	4
State of weather: Nature of precipitation and time of beginning and ending								SPB 7:10 SDE 7:20		SPB 9:50 SDE 10:00	SPB 10:15 SDE 10:35	SPB 11:45 SDE 11:50			SPB 2:15 SDE 2:30	SPB 3:10 SDE 3:30								
Amounts of precipitation								T		T	T	T			T	T								
Cloudiness and other conditions					←		Cloudy		×	Pt Cldy	×	Cldy	×	Pt Cldy	×		Cloudy			×	Pt Cldy Clear			→

Sunrise: Time, 6:54 Character, Cloudy
Moonrise: 4:20p

Sunset: Time, 4:13 Character, Cloudy
Moonset: 7:42a

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)							0	0	0	0	0.2	0.4	0	0.3	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	28	33	28	26	26	25	22	23	23	22	21	21	23	22	20	20	17	17	17	16	16	15	13	13
Maximum velocities (exceeding 29 miles) direction and time	36 SW 12:31	38 SW 1:10	31 W 2:54	33 SW 3:35	30 SW 4:11																			

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

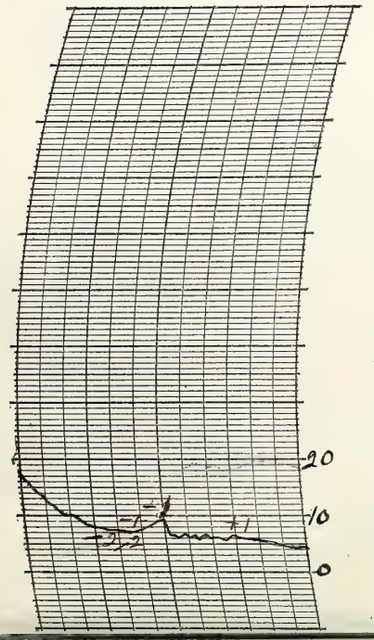
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	7	10	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Full - 11:32 a m
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 0.9 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 10
Prevailing wind direction, SW & W Total wind, 507
Average hourly velocity, 21.1 Extreme velocity, 48
Maximum velocity, 38 Direction, SW
Time began, 1:10 a.m.
Reduced barometer, 29.90 7 a. m. 30.33 7 p. m.
River gage, 14.9 ft.
Relative humidity, 74 7 a. m. 73 7 p. m.

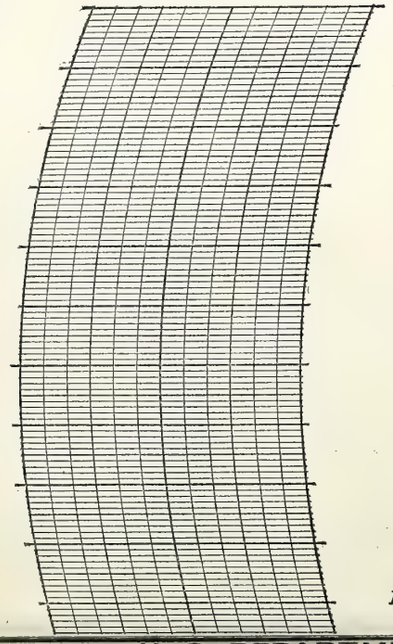
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 6.7 Wet temperature, 5.8
Dew-point, 2 R. humidity, 78 V. pressure, .042
Clouds: Amount, 8; Kind, Strat; Direction, W
Velocity of clouds (miles per hour)

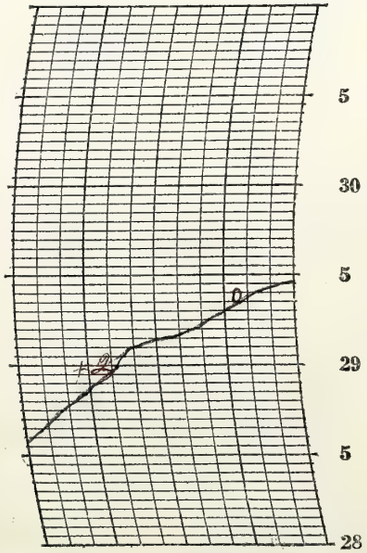
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

NOTES

The day was cloudy to partly cloudy and between 7:00 and 8:00 p m rapidly cleared up. The moon and stars were visible in the evening.

Light snow flurries fell during the day. High winds were experienced in the early morning becoming light by evening.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 9 1927, 192

Time (local standard) ~~90~~ mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	3	3	3	4	5	5	6	8	10	13	17	17	19	19	19	20	20	21	22	22	21	20	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear					×	Pt Cldy			Cloudy			→
Sunshine (in tenths of hours)							0.08 × ~~0.0~~ 0	× 1.0 0	× 0.8 0.2	1.0	1.0	1.0	1.0	× 0.4 0.5	× 0.4 0.6	× 1.0 0	× 0.22 0							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SW	S	S	S
Wind movement	12	11	11	10	9	8	10	11	11	11	12	14	15	15	16	15	16	14	15	17	14	12	13	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:55 Character, Clear
Moonrise: 5:13p
Sunset: Time, 4:13 Character, Clear
Moonset: 7:54a

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

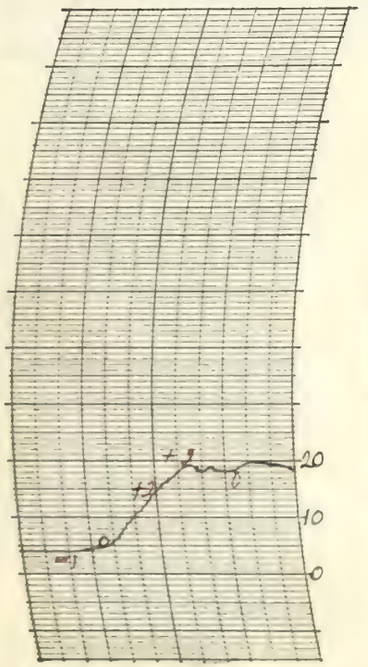
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	3	12	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 99
Prevailing wind direction, S Total wind, 303
Average hourly velocity, 12.6 Extreme velocity, 29
Maximum velocity, 21 Direction, S
Time began, 7.08 p.m.
Reduced barometer, 30.53 7 a. m. 30.35 7 p. m.
River gage, 13.8 ft
Relative humidity, 79 7 a. m. 57 7 p. m.

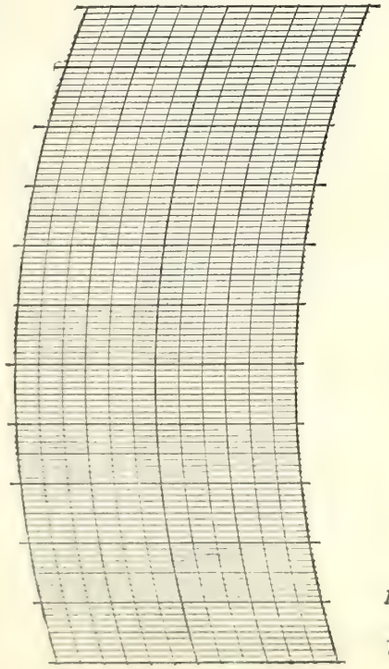
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 16.9 Wet temperature, 14.8
Dew-point, 8 R. humidity, 65 V. pressure, .057
Clouds: Amount, 2; Kind, ci; Direction, W
Velocity of clouds (miles per hour)

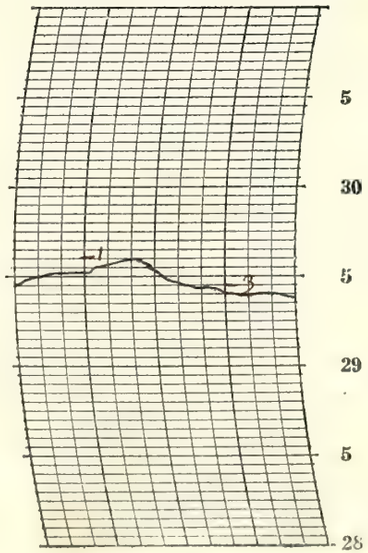
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS
Verified by E.L.H.

8—486

NOTES

There were less than 12 of clouds visible all day. During the evening the moon and stars were visible although the sky was covered with alst. clouds.
Floating ice observed in the river.
× Observed sunshine

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 10 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	20	22	25	25	26	27	29	29	30	31	30	30	32	33	33	33	33 SD B 6:58	33 SD E 7:03	33	33	34	34 RB DNP
State of weather: Nature of precipitation and time of beginning and ending																			T	T				<0.1
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	10	10	9	10	10	9	9	13	13	14	14	16	19	14	14	15	12	11	10	10	10	10	11	7

Sunrise: Time, 6:55 Character, Cloudy

Moonrise: 6:13 p

Sunset: Time, 4:13 Character, Cloudy

Moonset: 8:59 a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	19	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 280

Average hourly velocity, 11.7 Extreme velocity, 24

Maximum velocity, 22 Direction, SW

Time began, 12:31 p.m.

Reduced barometer, 30.24 7 a. m. 30.26 7 p. m.

River gage, 9.7 ft

Relative humidity, 58 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

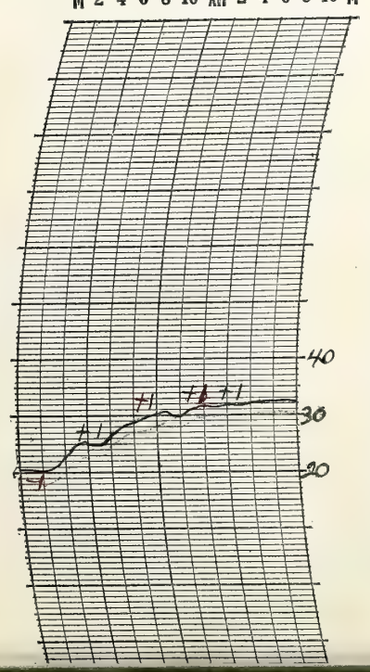
Dry temperature, 31.2 Wet temperature, 28.3

Dew-point, 23 R. humidity, 70 V. pressure, 11.8

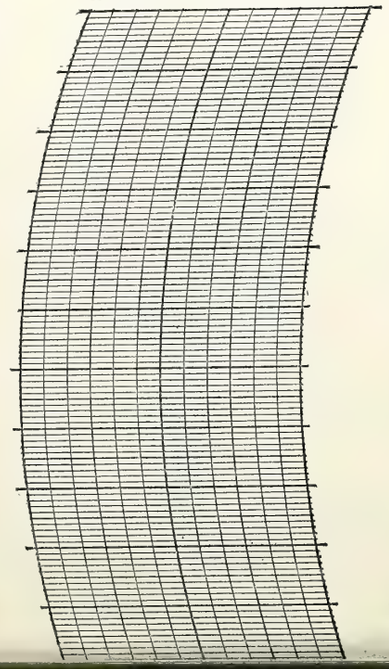
Clouds: Amount, 10; Kind, st m; Direction, SW

Velocity of clouds (miles per hour)

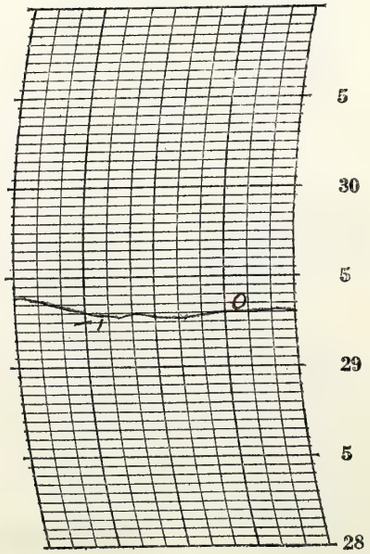
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

NOTES

The sky was completely overcast all day.

Floating ice observed in the rivers.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 11 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	35	35	36	36	36	37	37	38	39	39	39	39	39	39	40	40	40	40	39	37	37
State of weather: Nature of precipitation and time of beginning and ending	R cont.											R E 11:20	R B 12:15											R cont.
Amounts of precipitation				.05										.04								.7		
Cloudiness and other conditions												Cloudy					27. Fog							
Sunrise: Time, 6:56 Character, Cloudy																								
Moonrise: 7:19 p																								
Sunset: Time, 4:13 Character, Cloudy																								
Moonset: 9:54 a																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	S	S	S
Wind movement	9	8	8	7	7	5	7	7	7	9	11	12	11	10	9	10	11	12	12	8	9	9	10	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

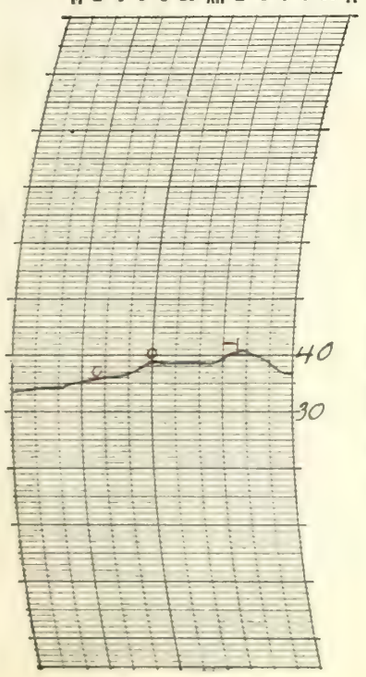
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	34	38	

Total depth of snow for 24 hours ending 7 p. m., OT inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 11:42 a.m.
Reduced barometer, 30.15 7a. m. 30.04 7p. m.
River gage, 9.9 ft
Relative humidity, 95 7a. m. 100 7p. m.

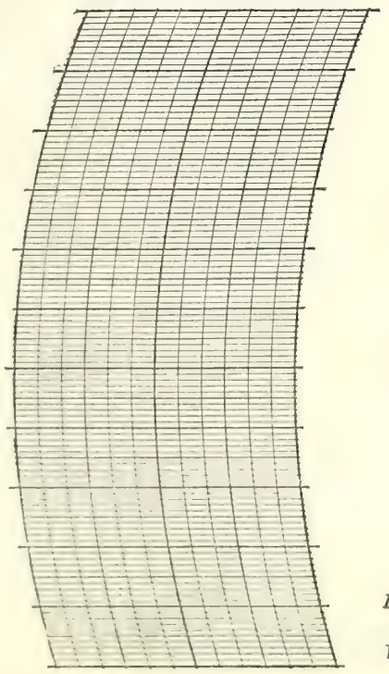
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.1 Wet temperature, 38.9
Dew-point, 39 R. humidity, 98 V. pressure, .237
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

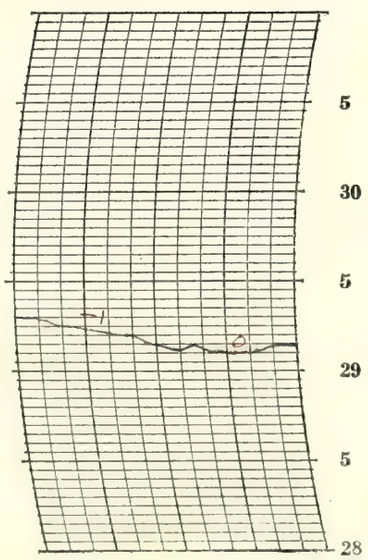
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.F.H.

8—480

NOTES

The sky was completely overcast. At 9:00 A.M. a light fog formed and continued into the night. Precipitation was falling practically all the time except for a few intervals.

During the early morning the streets and sidewalks were covered with sleet. It was very slippery, practically ice in spots. Quite dangerous to automobiles and pedestrians. After sunrise that melted.

Floating ice observed in the rivers.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 12 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	36	36	36	38	35	36	37	38	39	40	41	44	46	49	50	51	54	56	58	59	59
State of weather: Nature of precipitation and time of beginning and ending	R Cont.																							R cont.
Amounts of precipitation		.01										.01										.02		
Cloudiness and other conditions							7	Fog				Cloudy						Dense	Fog					

Sunrise: Time, 6:57 Character, Foggy Cloudy

Moonrise: 8:26p

Sunset: Time, 4:13 Character, Foggy Cloudy

Moonset: 10:39a

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	E	E	E	E	SE	SE	SE	SE	S	S	S	S	S	S	SW	SW
Wind movement	6	5	4	5	3	5	3	3	4	3	5	4	3	3	3	4	7	10	13	13	13	17	18	20
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	35	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 174

Average hourly velocity, 7.2 Extreme velocity, 25

Maximum velocity, 21 Direction, SW

Time began, 11:12 p.m.

Reduced barometer, 30.09 7 a. m. 29.90 7 p. m.

River gage, 9.4

Relative humidity, 94 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

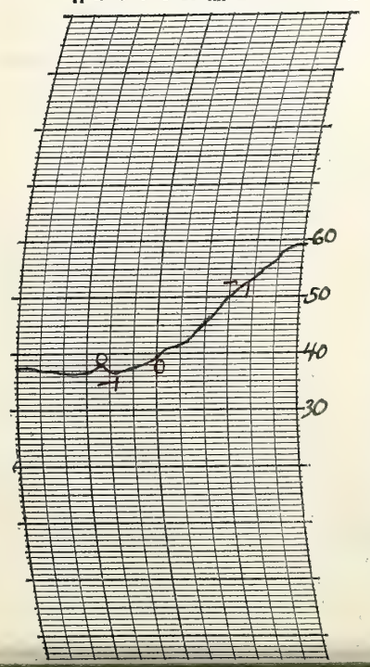
Dry temperature, 38.8 Wet temperature, 38.4

Dew-point, 38 R. humidity, 97 V. pressure, .228

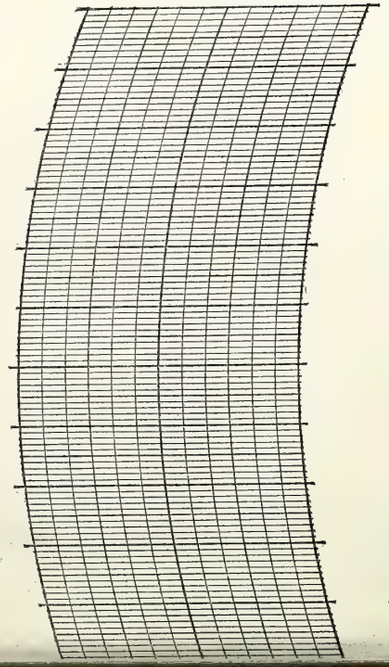
Clouds: Amount, 10; Kind, nb; Direction, SW

Velocity of clouds (miles per hour)

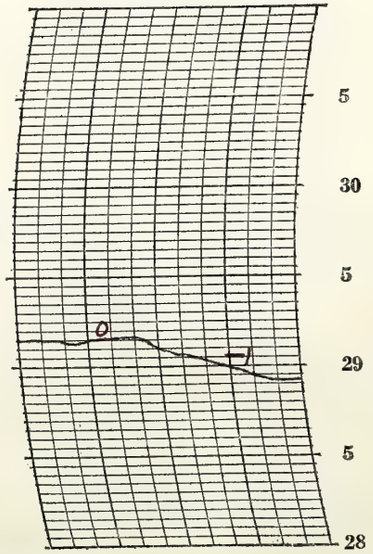
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. H. A.

NOTES

Rain continued to fall during the morning and the light fog continued since yesterday. The fog became thicker and at 3:00 p.m. was dense and continued dense into the night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 13 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	59	59	58	58	59	59	59	59	58	60	60	59	55	54	53	52	51	51	50	48	45
State of weather: Nature of precipitation and time of beginning and ending	R Cont.																			RE 7:05				
Amounts of precipitation			.02				.04			.46						.48				.02				
Cloudiness and other conditions																								

Cloudy

Sunrise: Time, 6:58 Character, Cloudy

Moonrise: 9:31 p.

Sunset: Time, 4:13 Character, Cloudy

Moonset: 11:15 a

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	S	S	SW	SW	S	NW	NW	NW	N	W	W	W	NW
Wind movement	16	15	15	11	9	8	9	9	10	9	9	9	13	18	10	7	11	15	8	5	7	9	11	15
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	46	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 08 ins.; to 7 p. m., 94 ins.

Total precipitation, midnight to midnight, 1.02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 258

Average hourly velocity, 10.8 Extreme velocity, 24

Maximum velocity, 22 Direction, SW

Time began, 1:37 p.m.

Reduced barometer, 29.78 7 a. m. 29.59 7 p. m.

River gage, 9.4 ft

Relative humidity, 100 7 a. m. 100 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

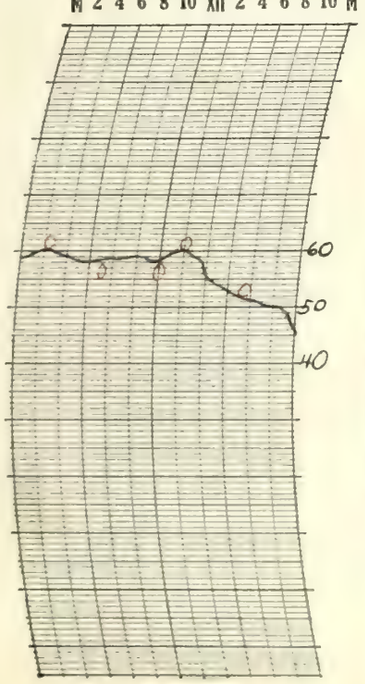
Dry temperature, 58.1 Wet temperature, 57.7

Dew-point, 57 R. humidity, 98 V. pressure, .465

Clouds: Amount, 10; Kind, st; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



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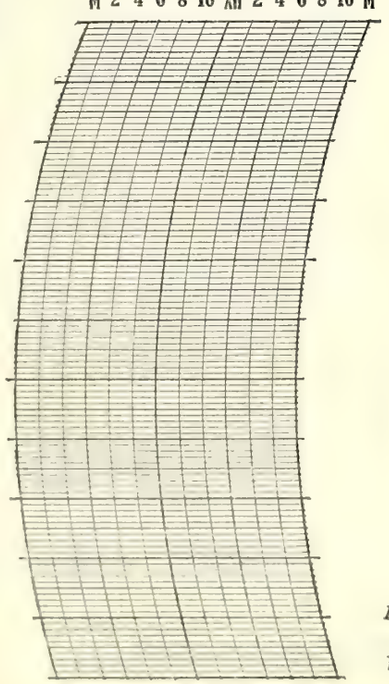
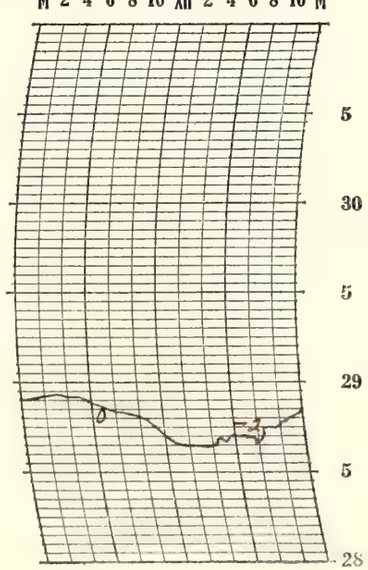


BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

8—486

NOTES

It was cloudy all day raining practically all the time until shortly after 7:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 14 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	39	38	37	36	35	32	34	34	36	39	40	41	42	41	40	38	37	36	35	34	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Part Cloudy						× Clear		×× Cloudy				Clear							→
Sunshine (in tenths of hours)						0	0	0	02	0	06	10	10	10	10	05 01	0							
Wind direction	NW	NW	NW	NW	N	N	N	N	N	SE	E	E	E	E	E	E	E	NE	E	E	E	E	E	E
Wind movement	14	15	11	10	3	5	6	9	7	4	5	6	5	6	9	7	8	11	13	13	14	13	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:58 Character, Cloudy
Moonrise: 10:34 p.
Sunset: Time, 4:13 Character, Cloudy
Moonset: 11:44 a

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

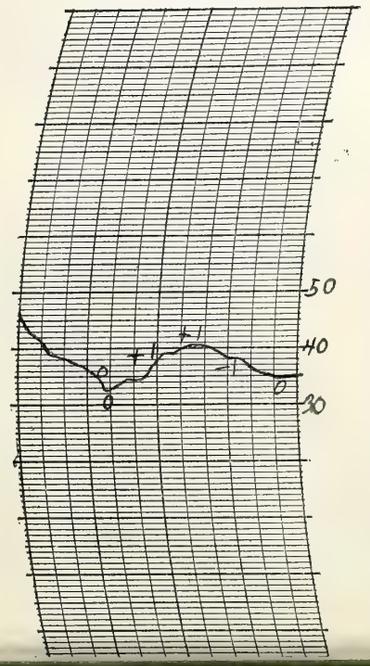
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	32	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.4 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 59
Prevailing wind direction, E Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 21
Maximum velocity, 19 Direction, NW
Time began, 1:27 a.m.
Reduced barometer, 30.06 7 a. m. 30.08 7 p. m.
River gage, 16.6 ft *
Relative humidity, 93 7 a. m. 84 7 p. m.

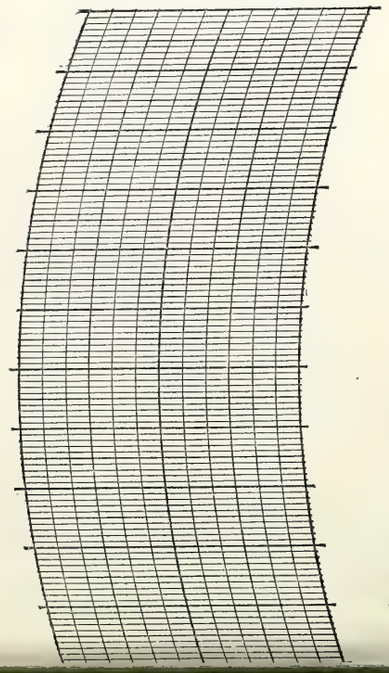
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.7 Wet temperature, 36.9
Dew-point, 34 R. humidity, 84 V. pressure, .195
Clouds: Amount, 4; Kind, ci; Direction, SW
Velocity of clouds (miles per hour)

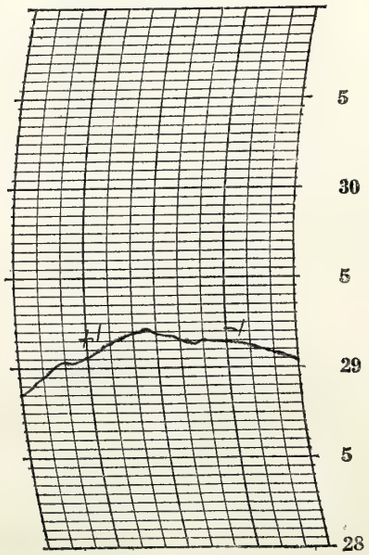
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

NOTES

* River gage 16.8 at 11:15 a.m. and read 17.0 at 3:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 15 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	35	35	37	38	39	40
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	14	14	14	15	13	14	14	13	8	5	5	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	44	45	45	47	49	38	36	33	30	27	25
Nature of precipitation and time of beginning and ending			RB 2:30 RE 3:00					RB 7:30		RE 9:10		
Amounts of precipitation			T					T	T	T		
Cloudiness and other conditions			Fog									
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	SE	W	W	W	W	W	W
Wind movement	4	2	2	3	1	9	14	14	14	16	15	15

State of weather: Cloudy

Sunrise: Time, 6:59; Character, Cloudy

Moonrise: 11:46p

Sunset: Time, 4:14; Character, Cloudy

Moonset: 12:10p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	25	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase, last quarter 6:04 p. m.

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 243

Average hourly velocity, 10.1 Extreme velocity, 23

Maximum velocity, 21 Direction, W

Time began, 10:00 p.m.

Reduced barometer, 29.73 7 a. m. 29.53 7 p. m.

River gage, 17.8* ft.

Relative humidity, 88 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

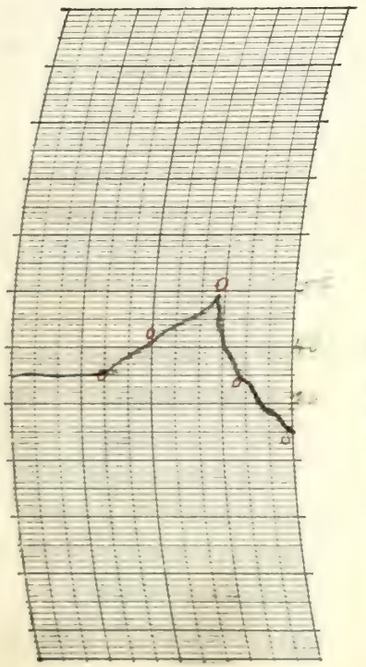
Dry temperature, 40.4 Wet temperature, 38.8

Dew-point, 37 R. humidity, 87 V. pressure, .219

Clouds: Amount, 10; Kind, st; Direction, E

Velocity of clouds (miles per hour)

THERMOGRAPH



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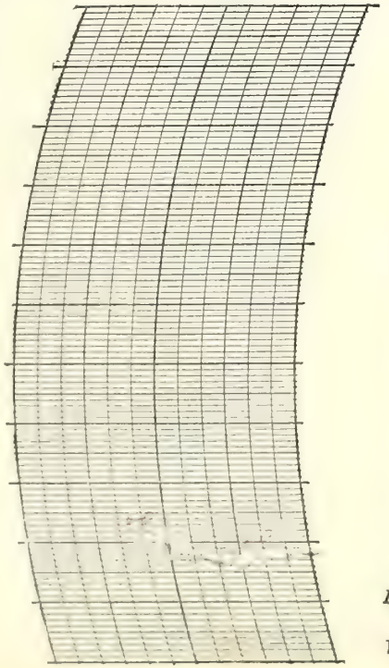
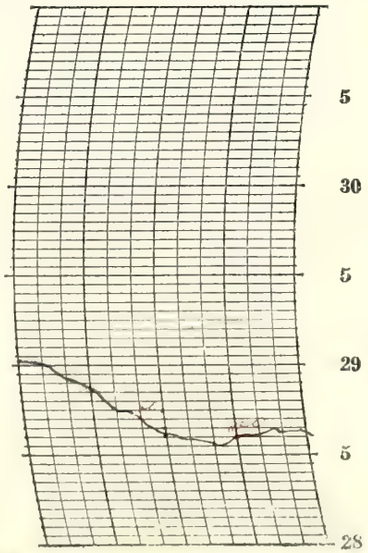


BAROGRAPH.



Prepared by CJS

Verified by E. F. H.

8—486

NOTES

*River gage read 17.6 at 2:00 p.m.
The sky was completely overcast all day. During the afternoon a light fog formed at 2:15 p.m. and was gone by 4:00 p.m. During the evening from 7:30 p.m. on there was a light drizzle accomplied by mists. Vision was obscured and the streets made slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 16 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	21	21	20	20	19	17	16	18	20	21	22	22	22	22	22	21	21	21	21	20	20	20
State of weather: Nature of precipitation and time of beginning and ending								SP B 7:01 SP E 7:55	SP B 8:10 SP E 8:43															
Amounts of precipitation								T	T															
Cloudiness and other conditions					← Cloudy			×	Pt	Cldy	×		Cldy	× Pt	Cldy	×	Cldy	× Pt	Cldy	×		Clear		→
Sunrise: Time, 7:00 Character, Cloudy																					Sunset: Time, 4:14 Character, Cloudy			
Moonrise: — — —																					Moonset: 12:33p			
Sunshine (in tenths of hours)								0	0.2	0.6 0	0.8	0.7	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	15	19	15	14	14	14	13	15	14	19	20	20	22	21	23	21	19	18	16	18	17	16	16	15

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	16	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.8 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 20

Prevailing wind direction, SW Total wind, 414

Average hourly velocity, 17.2 Extreme velocity, 32

Maximum velocity, 27 Direction, SW

Time began, 2:40 p.m.

Reduced barometer, 29.52 7 a. m. 29.62 7 p. m.

River gage, 17.5 ft.

Relative humidity, 76 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

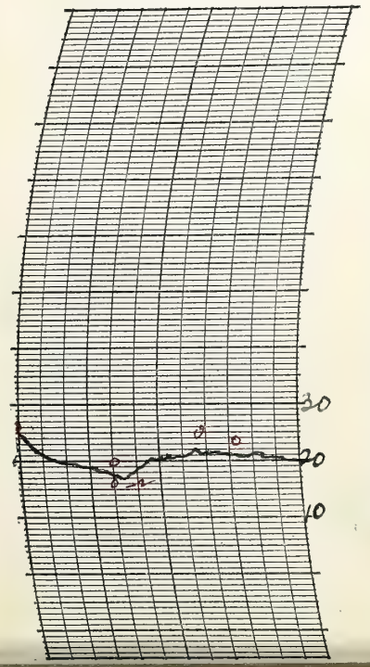
Dry temperature, 20.9 Wet temperature, 18.9

Dew-point, 14 R. humidity, 71 V. pressure, .077

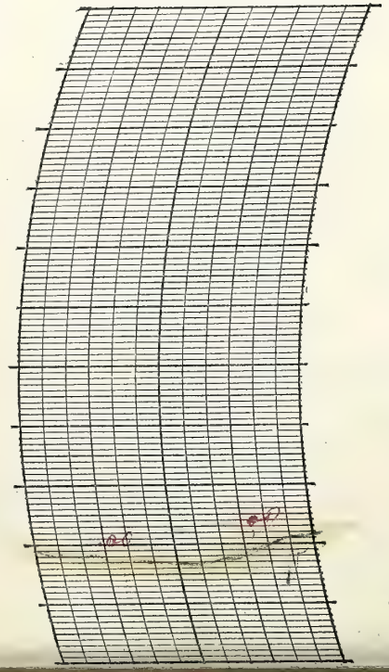
Clouds: Amount, 8; Kind, stratus; Direction, W

Velocity of clouds (miles per hour)

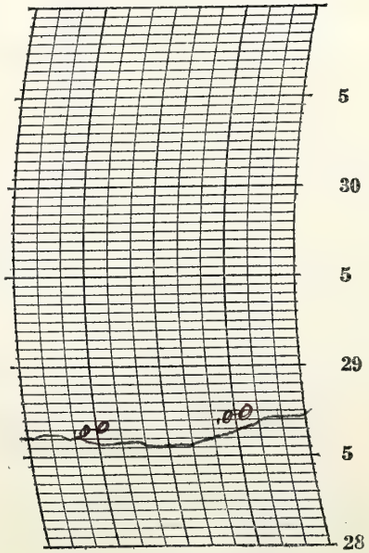
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

NOTES

For about two hours after sunrise snow was falling at intervals

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 17 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	19	19	18	18	18	18	18	19	20	18	17	16	15	14	13	13	12	12	12	13	14	14
State of weather: Nature of precipitation and time of beginning and ending												SDB 11:30 SDE 11:55			SDB 2:38	SDE 3:20								
Amounts of precipitation												T			T	T								
Cloudiness and other conditions					← Clear			→	Pt. Cldy			× Cldy	×	Pt	Cloudy		×			Clear				

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 12:36a

Sunset: Time, 4:14 Character, Cloudy
Moonset: 12:55p

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0.5 0	0.3 0	0.1	0.2	0	0.1	0.2 0	0.4 0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	W	W	W	W	W	W	W	W	W	W	SW	W	W
Wind movement	13	12	12	11	11	12	12	12	16	15	15	17	20	18	22	20	17	17	17	17	14	11	14	13
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

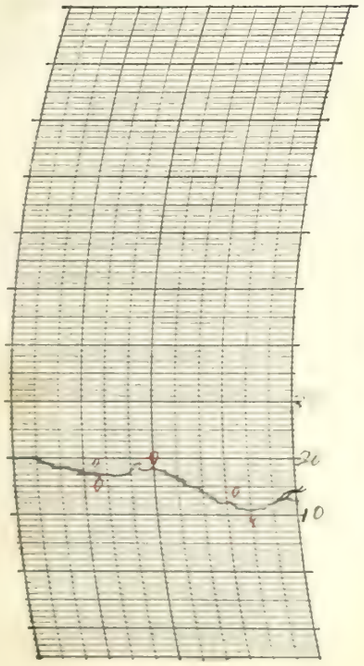
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	12	16	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 1.8 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 20
Prevailing wind direction, W Total wind, 358
Average hourly velocity, 14.9 Extreme velocity, 27
Maximum velocity, 26 Direction, W
Time began, 2:38 p.m.
Reduced barometer, 29.76 7 a. m. 29.98 7 p. m.
River gage, 16.9 ft
Relative humidity, 73 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.4 Wet temperature, 16.2
Dew-point, 10 R. humidity, 65 V. pressure, .063
Clouds: Amount, 6; Kind, Strat.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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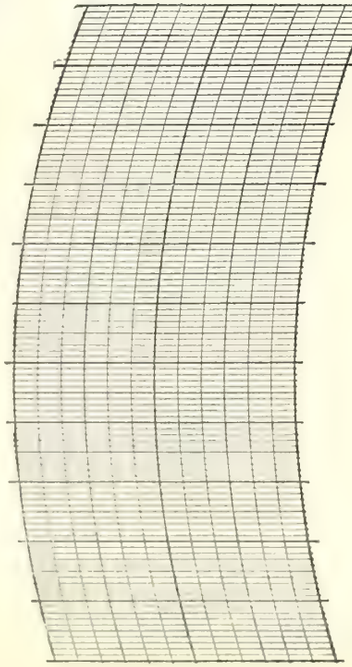
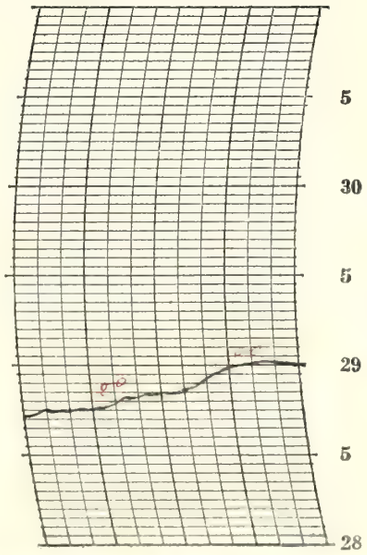


BAROGRAPH.



Prepared by CS
Verified by E.L.H.

8—486

NOTES

Shore ice observed in the rivers

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 18 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	14	13	13	12	11	12	11	11	10	12	14	12	13	11	10	10	10	9	9	9	8	7
							SD B 6:38	SD E 7:06							SD B 2:13 SD E 3:00									
State of weather: Nature of precipitation and time of beginning and ending																					Fdy			
Amounts of precipitation							T																	
Cloudiness and other conditions					←			Cloudy		×	Pt	Cldy	×				Cloudy		×	P	×	Clear		→
Sunshine (in tenths of hours)								0	0	0	0.2	0.6	1.0	0.6	0.3	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	13	14	15	14	14	11	15	14	14	16	13	14	13	14	13	14	14	14	15	13	11	11	10

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 1:34a
Sunset: Time, 4:15 Character, Cloudy
Moonset: 1:17p

Maximum velocities (exceeding 2.9 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

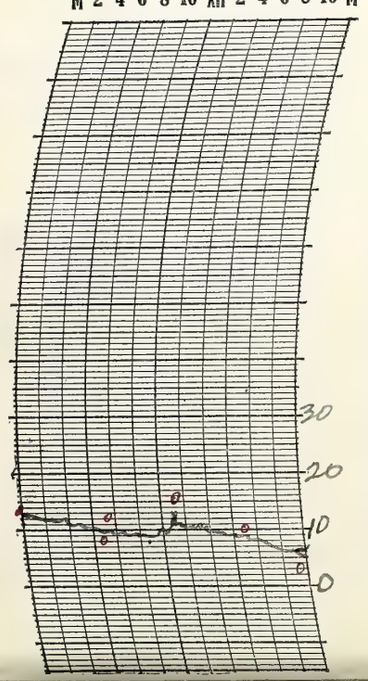
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	7	10	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 29
Prevailing wind direction, W Total wind, 322
Average hourly velocity, 13.4 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 10:27 a m
Reduced barometer, 30.07 7 a. m. 30.18 1 p. m.
River gage, 15.1 ft
Relative humidity, 95 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 12.2 Wet temperature, 10.5
Dew-point, 4 R. humidity, 66 V. pressure, .047
Clouds: Amount, 7; Kind, strat; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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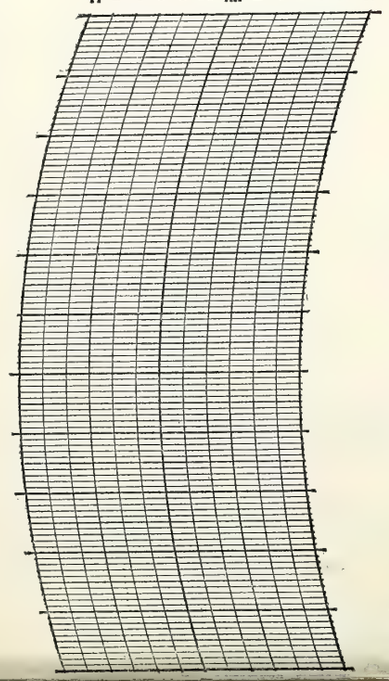
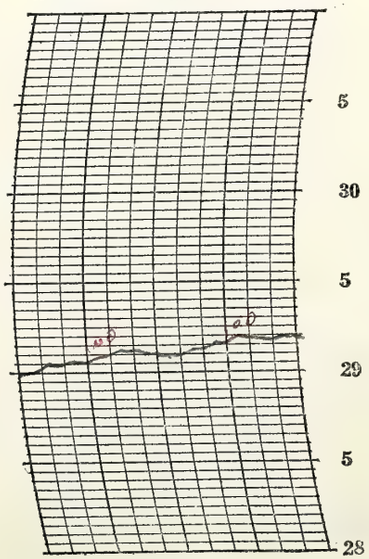


BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

8—486

NOTES

Shore ice observed in the river

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 19 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	7	6	6	5	6	6	8	10	11	17	19	20	20	21	20	19	19	19	19	19	19	18	17
State of weather: Nature of precipitation and time of beginning and ending											SP B 10:00 SP E 10:15			SP B 1:14 SP E 1:20										
Amounts of precipitation											T			T										
Cloudiness and other conditions					← Clear			X	PT	Cldy	X	Clear	X	PCldy	X	Clear		X	PCldy	X	Cloudy →			

Sunrise: Time, 7:02 Character, Clear
Moonrise: 2:33a

Sunset: Time, 4:15 Character, Cloudy
Moonset: 1:40p

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0.1 / 0	0.1 / 0	0.1 / 0	0.2 / 0.6	1.0	0.3 / 0.2	0.5 / 0.3	1.0 / 0	1.0 / 0	0							
Wind direction	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	9	11	9	10	11	10	10	12	13	17	15	15	18	17	18	16	14	13	15	16	15	15	13
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

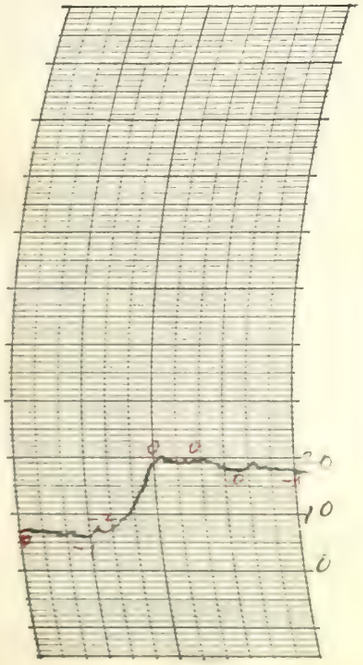
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	5	13	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 5.4 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 59
Prevailing wind direction, W Total wind, 321
Average hourly velocity, 13.4 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began, 10:34 a.m.
Reduced barometer, 30.24 7a. m. 30.27 7p. m.
River gage, 11.5
Relative humidity, 95 7a. m. 82 7p. m.

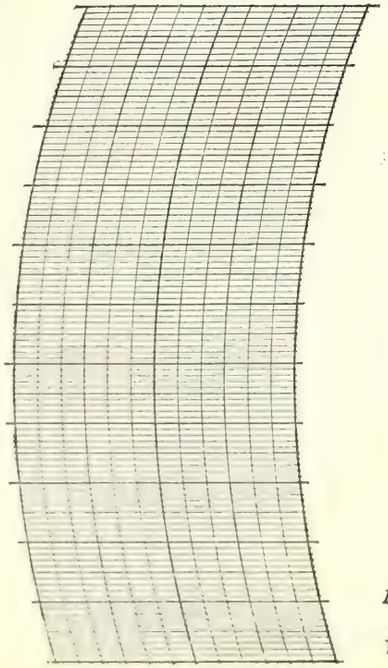
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.2 Wet temperature, 17.1
Dew-point, 11 R. humidity, 68 V. pressure, .066
Clouds: Amount, 3; Kind, cu; Direction, NW
Velocity of clouds (miles per hour) —

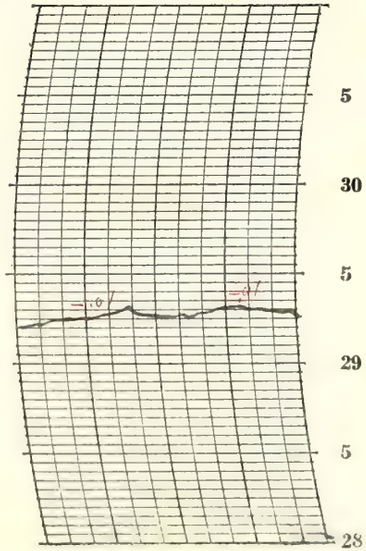
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.S.
Verified by E. L. H.

8—486

NOTES

Heavy shore ice observed in the river

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 20 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	18	18	19	22	23	24	26	28	30	32	33	34	34	33	31	30	30	30	30	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cloudy				×			Pt Cloudy			×	Cloudy					→
Sunshine (in tenths of hours)								0	0	0	0	0	0.2	0.9	0.4	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	15	14	13	14	12	13	12	11	16	18	20	18	20	21	19	17	17	17	16	14	14	16	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: 3:33 a

Sunset: Time, 4:15 Character, Cloudy
Moonset: 2:07 p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

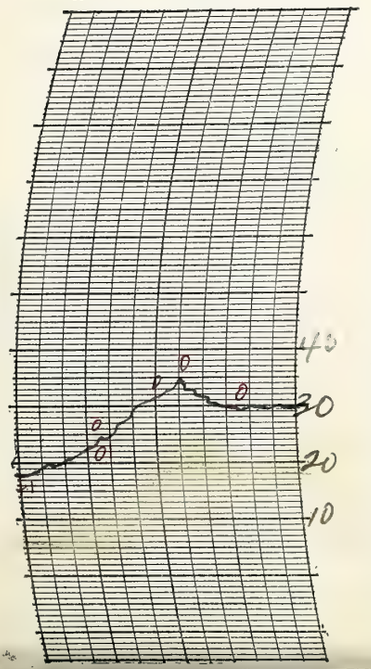
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	17	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8.8
Actual sunshine, hours, 1.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 16
Prevailing wind direction, NW Total wind, 375
Average hourly velocity, 15.6 Extreme velocity, 30
Maximum velocity, 25 Direction, NW
Time began, 2:15 P.M.
Reduced barometer, 30.21 7a. m. 30.27 7p. m.
River gage, 8.5 ft N
Relative humidity, 81 7a. m. 85 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.8 Wet temperature, 31.6
Dew-point, 30 R. humidity, 88 V. pressure, 164
Clouds: Amount, 9; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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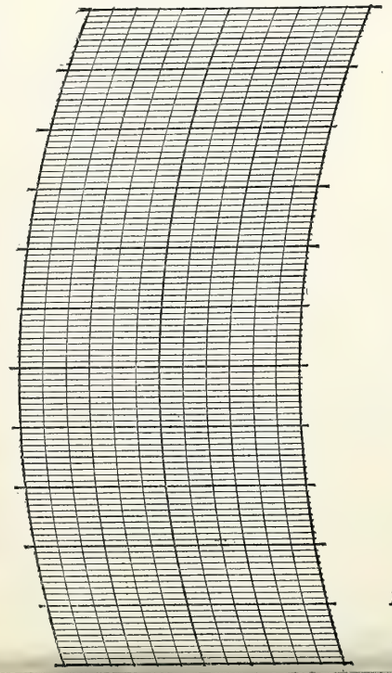
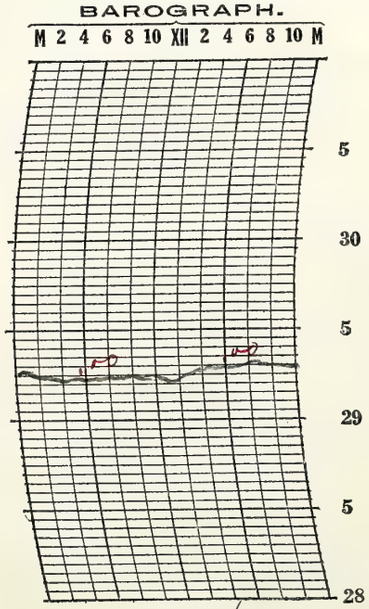


BAROGRAPH.



Prepared by E. L. H.
Verified by E. L. H.

NOTES

Not so cold - pleasant day. Cloudy in early morning but sun shone for a while from noon to 2:30 P.M.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 21 1927, 192

Time (local standard) 0 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	28	28	27	30	30	30	31	33	34	36	36	38	37	36	34	33	32	31	30	29	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				← Cloudy							Clear													→
Sunshine (in tenths of hours)																								
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	13	12	11	9	8	9	10	9	8	12	10	8	10	9	9	9	7	4	6	5	5	6	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:03 Character, Cloudy

Moonrise: 4:35a

Sunset: Time, 4:16 Character, Clear

Moonset: 2:36p

Sunshine: 6 0 0 0.4 1.0 1.0 1.0 1.0 1.0 0.4, 0.6 .27

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

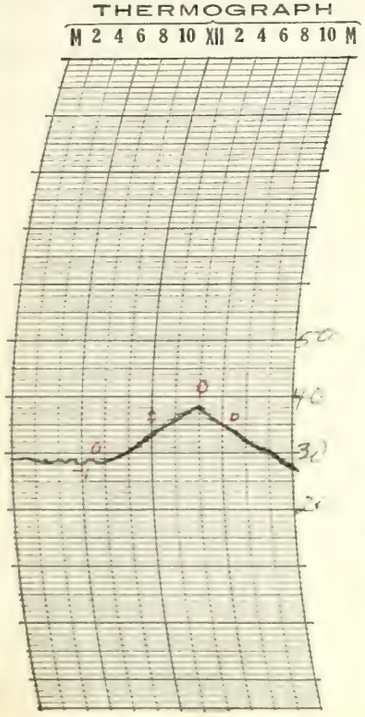
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	27	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 6.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 73
Prevailing wind direction, NW Total wind, 202
Average hourly velocity, 8.4 Extreme velocity, 15
Maximum velocity, 15 Direction, NW
Time began, 12:20 am.
Reduced barometer, 30.28 a. m. 30.26 p. m.
River gage, 7.5 feet.
Relative humidity, 73 a. m. 79 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.2 Wet temperature, 32.2
Dew-point, 29 R. humidity, 81 V. pressure, .157
Clouds: Amount, 0; Kind, 0; Direction,
Velocity of clouds (miles per hour)

THERMOGRAPH



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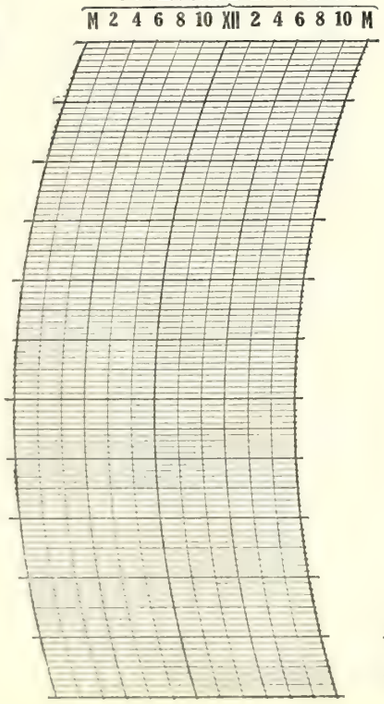
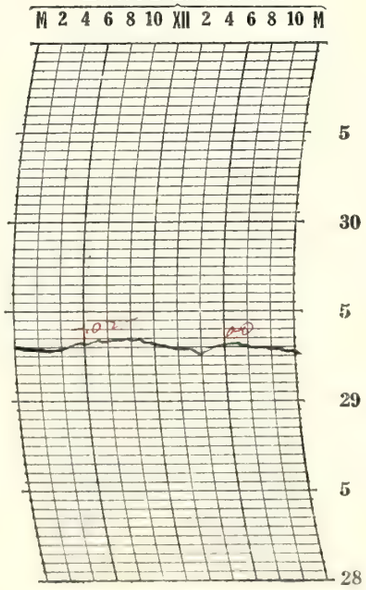


BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Very little wind cloudy in the morning but clear by 9:00 am. Clear into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 22 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	25	25	24	23	23	24	26	30	33	35	38	36	34	32	32	32	31	28	27	28	28	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear												→ Partly						← Cloudy					→
Sunshine (in tenths of hours)								.95 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	0.9	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW	NW	NW	N	N	NW	N	N	N	NW	NW
Wind movement	9	10	9	11	10	10	8	6	7	5	6	7	9	12	14	10	7	7	11	10	10	8	9	13

Sunrise: Time, 7:03 Character, Clear
Moonrise: 5:36a

Sunset: Time, 4:16 Character, Cloudy
Moonset: 3:11p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

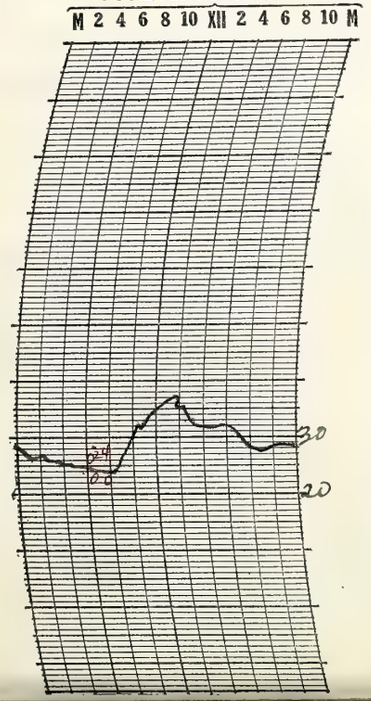
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	23	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.8 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind, 218
Average hourly velocity, 9.1 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 2:30 P.M.
Reduced barometer, 30.16 a. m. 30.23 p. m.
River gage, 5.7 feet.
Relative humidity, 87 a. m. 84 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.0 Wet temperature, 32.0
Dew-point, 28 R. humidity, 73 V. pressure, 150
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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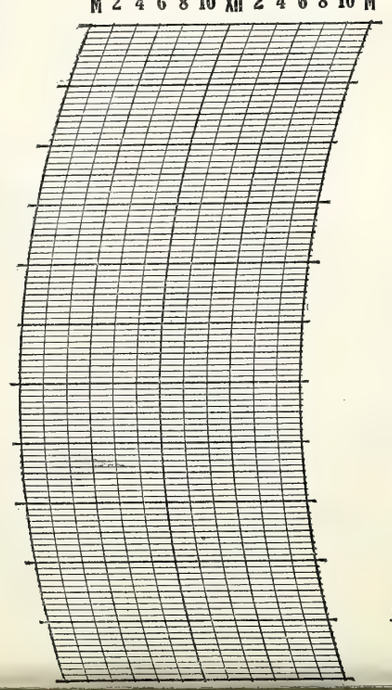
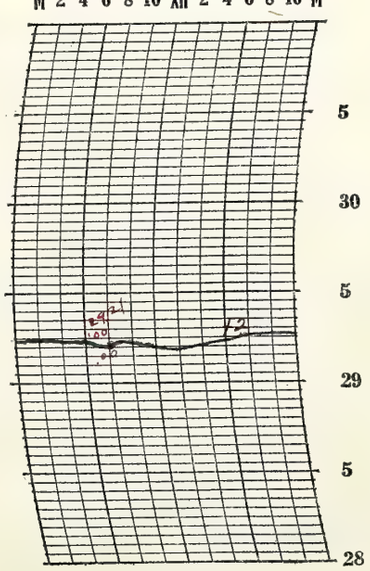


BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

NOTES

Winter solstice - winter commences 2:18 p.m.
Clear and slightly colder morning. Day continued clear until 2 P.M. by 4 P.M the sky was overcast and it continued cloudy all night. Mild day.

8—486

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 23 1927, 192

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	23	28	

Time (local standard) ~~9-9~~ mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	28	28	27	28	28	28	28	29	30	31	32	31	30	29	28	26	25	24	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy									Pt Cloudy					Clear				
Sunrise: Time, Character	7:04 Cloudy																				Sunset: Time, Character	4:17 Cloudy		
Moonrise	6:38a																				Moonset	3:57p		
Sunshine (in tenths of hours)							1	0	0	0	0.5	0.9	1.0	1.0	1.0	0.5	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	NW	W	W	NW	NW
Wind movement	10	11	9	8	9	10	9	6	9	10	11	11	11	10	10	10	7	6	7	7	6	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

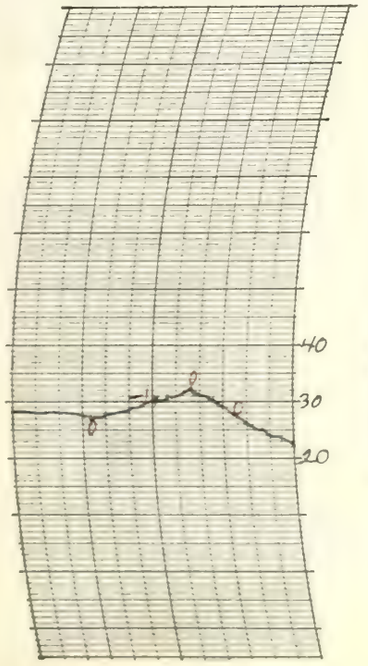
Excessive precipitation, accumulated amounts

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, New - 10:13 p.m.
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.9 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 53
Prevailing wind direction, NW Total wind, 205
Average hourly velocity, 8.5 Extreme velocity, 14
Maximum velocity, 13 Direction, NW
Time began, 1:46PM
Reduced barometer, 30.30 7 a. m. 30.34 7 p. m.
River gage, 5.0 feet
Relative humidity, 66 a. m. 77 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.4 Wet temperature, 27.2
Dew-point, 27 R. humidity, 76 V. pressure, 124
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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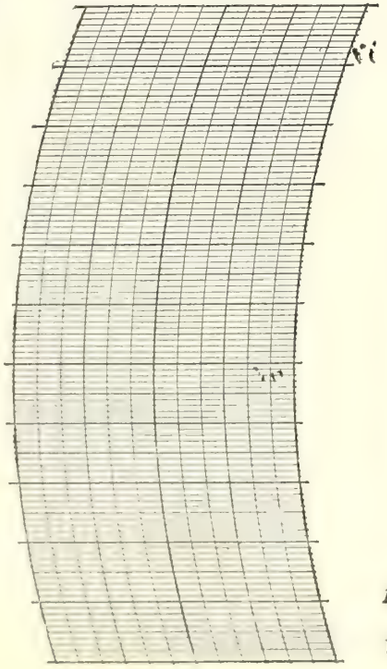

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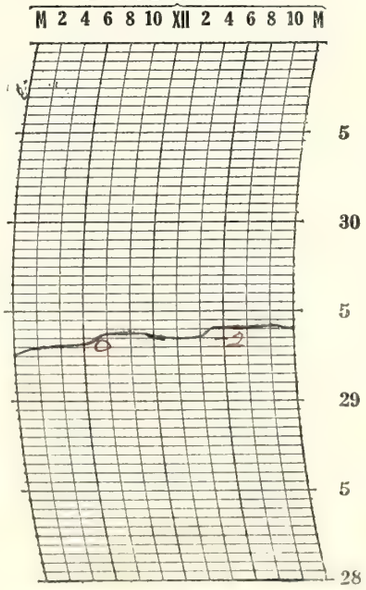


Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Mild day -
Cloudy until 1 p.m. then
Partly Cloudy until 7 p.m. - Clear
at Night. Pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 24 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	21	21	21	21	20	20	22	24	28	28	30	30	31	32	31	29	28	27	26	25	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →												← Pt. Cldy →				← Cloudy →			← Pt Cldy →		← Clear →		
Sunshine (in tenths of hours)								0	0	0.9	1.0	1.0	1.0	1.0	0.8	0	0							
Wind direction	NW	NW	W	W	W	W	NE	NE	NE	SE	S	E	NE	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	5	5	3	4	2	3	3	3	3	3	4	5	2	6	4	5	5	4	6	6	6	7	7	5

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 7:36a

Sunset: Time, 4:18 Character, Cloudy
Moonset: 4:44p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

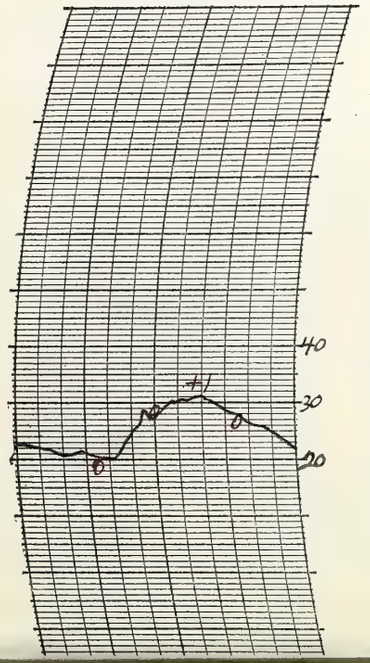
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	20	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 62
Prevailing wind direction, E Total wind, 106
Average hourly velocity, 4.4 Extreme velocity, 9
Maximum velocity, 9 Direction,
Time began, 10:05 P.M.
Reduced barometer, 30.437 a. m. 30.477 p. m.
River gage, 4.1 feet
Relative humidity, 92 a. m. 76 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 26.0
Dew-point, 22 R. humidity, 77 V. pressure, 11.3
Clouds: Amount, 5; Kind, Cst; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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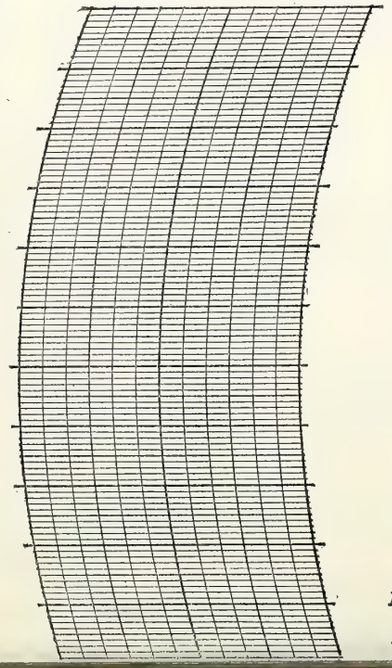
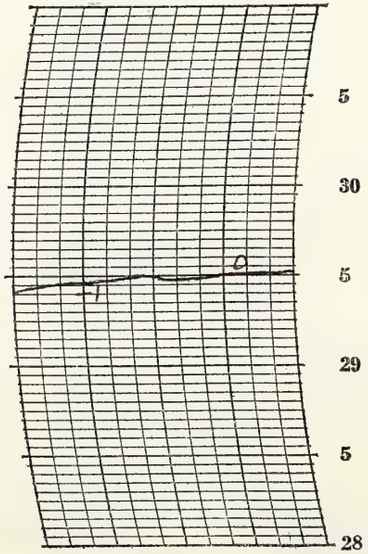


BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

NOTES

Very heavy white frost.
Clear until 11:00 a.m. then high clouds moved in from the SW. Partly Cloudy during the afternoon. Clear by 9:00 p.m.
There was a light smoke during the a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 25 1927, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	19	19	18	18	18	18	19	23	25	25
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear				Pt Cldy			
Sunshine (in tenths of hours)								.92 0	0.4 0.6	1.0	1.0	0.7
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	4	5	4	5	3	4	4	5	6	9	7

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	27	27	26	25	25	25	25	24	24	24
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0.3	0.3	0	0	0							
Wind direction	E	E	E	E	E	SE	E	E	E	E	E	SE
Wind movement	6	5	5	4	4	4	4	4	4	4	3	3

Sunrise: Time, 7:05 Character, Clear
Moonrise: 8:30 a
Sunset: Time, 4:18 Character, Cloudy
Moonset: 5:42 p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

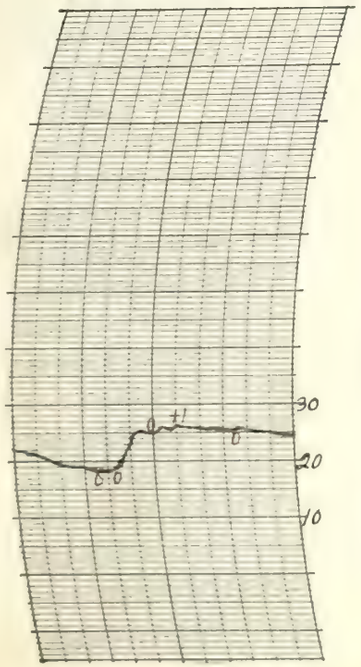
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	18	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cldy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 57
Prevailing wind direction, E Total wind, 110
Average hourly velocity, 4.6 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 10:45 p
Reduced barometer, 30.53 a. m. 30.54 p. m.
River gage, 3.4 feet
Relative humidity, 90 a. m. 85 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 25.2 Wet temperature, 23.7
Dew-point, 21 R. humidity, 81 V. pressure, .108
Clouds: Amount, 5; Kind, Stu; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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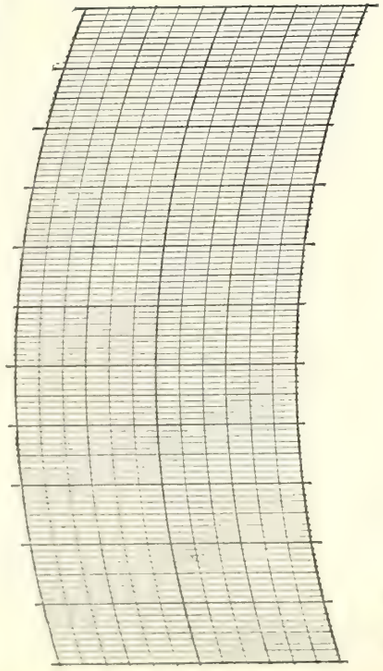
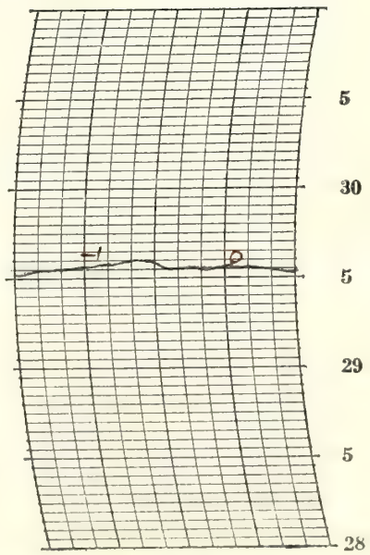


BAROGRAPH.



Prepared by E. L. H
Verified by E. L. H

8—486

NOTES

Sky clear until 9 am Partly cloudy until noon the sky was overcast by 1 pm and it continued cloudy into the night. The sun shone through the clouds the greater part of the day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 26 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	23	23	22	21	21	22	21	22	25	26	30	33	34	34	33	32	31	31	31	30	30	30	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←					Pt cldy						→	→						Clear					
Sunshine (in tenths of hours)								0	0	0.7	0.3	0	0.6	1.0	1.0	0.8 0.2	.32 .8							
Wind direction	SE	SE	SE	SE	S	S	SE	S	S	S	S	S	S	S	S	S	SW	S	S	SW	SW	SW	SW	SW
Wind movement	2	2	2	2			2	3	5	6	7	7	8	8	8	8	9	10	11	10	9	11	10	10

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 9:17a
Sunset: Time, 4:19 Character, Clear
Moonset: 6:47p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

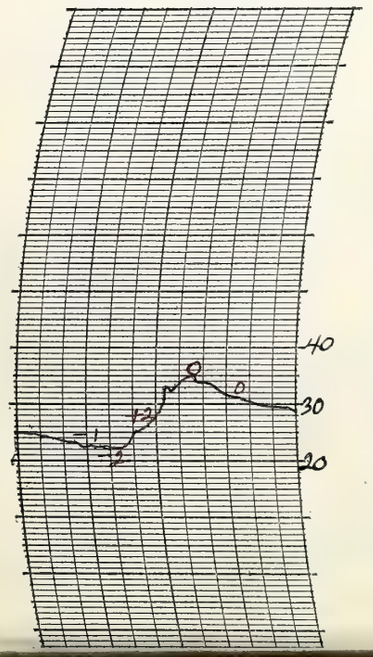
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	20	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cldy. Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 4.9 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 53
Prevailing wind direction, S Total wind, 154
Average hourly velocity, 6.4 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 6:49 p.m.
Reduced barometer, 30.557 a. m. 30.416 p. m.
River gage, 3.2 feet.
Relative humidity, 88 a. m. 72 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.2 Wet temperature, 28.7
Dew-point, 26 R. humidity, 84 V. pressure, .136
Clouds: Amount, ; Kind, ; Direction,
Velocity of clouds (miles per hour)

THERMOGRAPH



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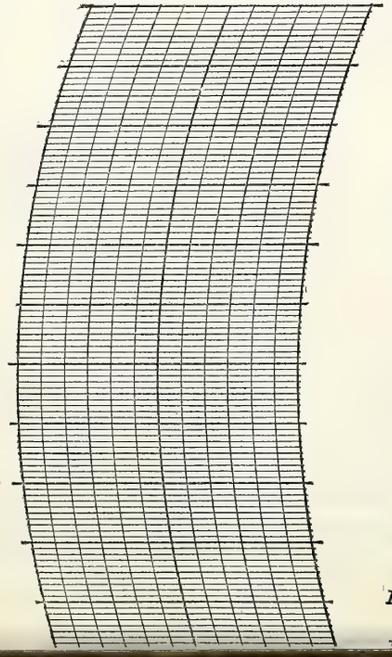
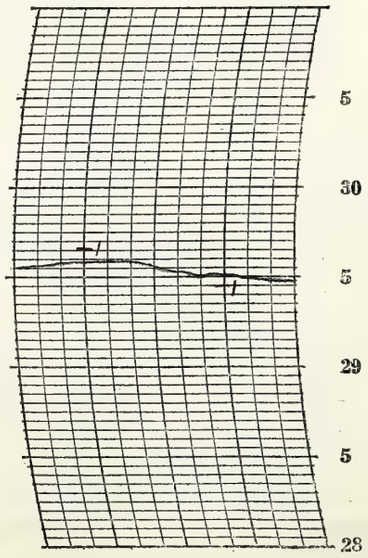


BAROGRAPH.



Prepared by E. L. H.

E. L. H.

NOTES

Partly cloudy until noon. After noon mostly clear with some thin upper clouds. Clear and moderate at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 27 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	27	27	26	26	26	30	34	39	42	43	46	46	46	43	42	40	40	38	38	38	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear → Pt Cloudy																							
Sunshine (in tenths of hours)								0.9 0	0.6 0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.4 0.3	0							
Wind direction	SW	SW	SW	SW	SW	S	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	9	10	11	10	9	8	9	9	9	10	11	12	12	11	11	8	8	8	8	11	9	9	12	13

Sunrise: Time, 7:05 Character, Clear
Moonrise: 9:58 a
Sunset: Time, 4:19 Character, Cloudy
Moonset: 7:54 p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

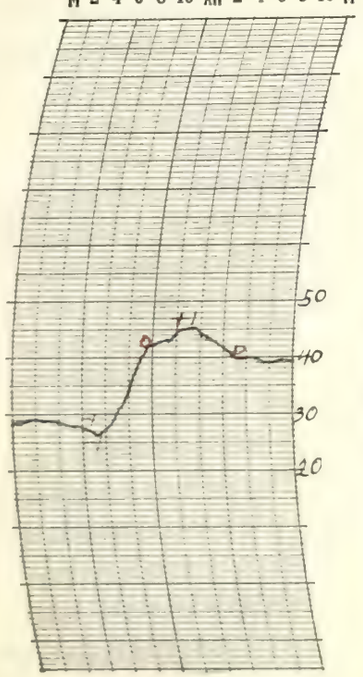
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	25	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.3 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 90
Prevailing wind direction, S Total wind, 237
Average hourly velocity, 9.9 Extreme velocity, 17
Maximum velocity, 16 Direction, S
Time began, 12:58 p.m.
Reduced barometer, 30.40 7 a. m. 30.22 p. m.
River gage, 2.8 feet
Relative humidity, 75 a. m. 54 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 35.0
Dew-point, 25 R. humidity, 48 V. pressure, .130
Clouds: Amount, 5; Kind, Cst; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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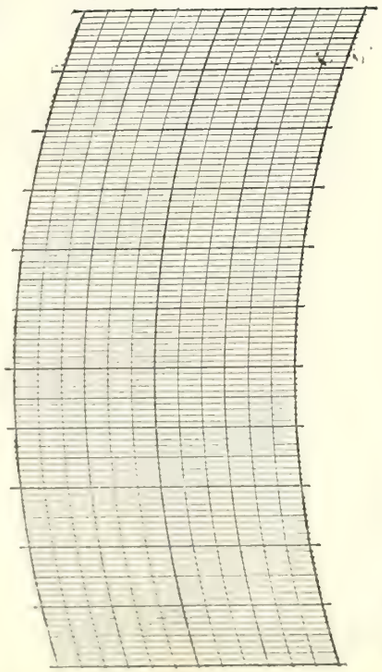
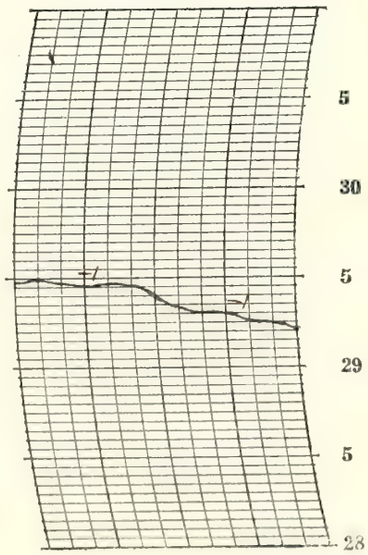


BAROGRAPH.



Prepared by CJS
Verified by E.L.H.

8—486

NOTES.

It was partly cloudy the greater part of the day. Temperatures hour for hour are higher than yesterday and the river continues to fall. Light winds blew the entire day reaching at times moderate strength.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 28 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	41	41	42	42	42	42	41	40
							RB 6.28 RE 6:34	RB 7:19 RE 7:30			RB 10:10	
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation							T	.01				
Cloudiness and other conditions												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	42	43	44	44	45	46	46	46	45	45
												RE 11:30
Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.35	—						0.3		
Cloudiness and other conditions												

Cloudy

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 10:32a

Sunset: Time, 4:20 Character, Cloudy
Moonset: 9:04p

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	SE	SE	SE	S	S	S	S	S	S	S	S
Wind movement	10	10	8	10	13	13	14	14	16	17	16	13
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	14	14	18	19	19	17	18	22	22	21	17	13
Maximum velocities (exceeding 29 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

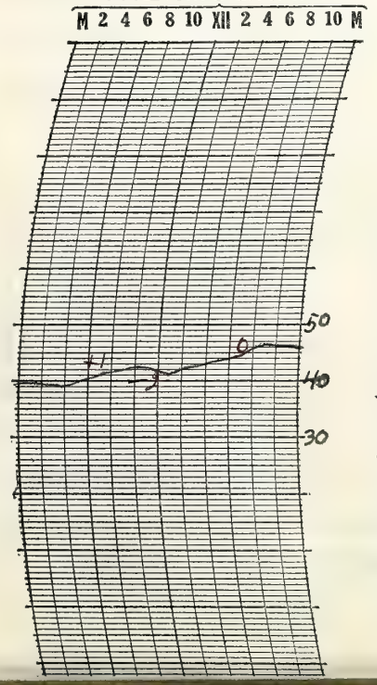
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	39	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .36 ins.
Total precipitation, midnight to midnight, .39 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 368
Average hourly velocity, 15.3 Extreme velocity, 30
Maximum velocity, 26 Direction, S
Time began, 7:49 p.m.
Reduced barometer, 30.04 7 a. m. 29.69 7 p. m.
River gage, 3.1 feet
Relative humidity, 54 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.1 Wet temperature, 36.2
Dew-point, 31 R. humidity, 69 V. pressure, .172
Clouds: Amount, 10; Kind, nb; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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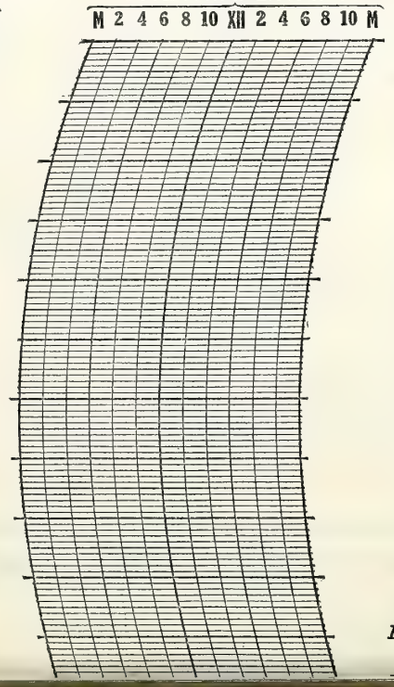
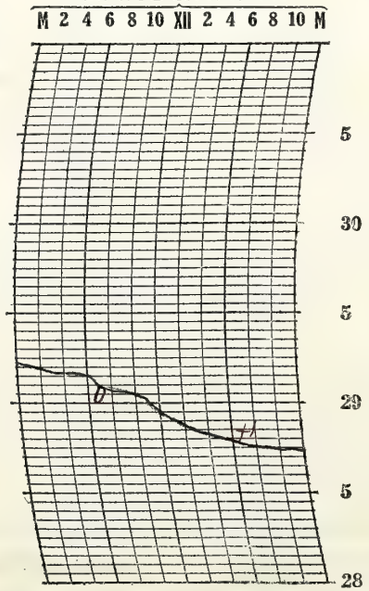


BAROGRAPH.



Prepared by CJJ

NOTES

Rain fell practically all day except for several hours around 9:00 a.m. and the earlier half of the morning. The sky was completely overcast. Temperatures continued to rise and the river has also risen. Light to moderate winds prevailed reaching brisk force at times.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 29 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	46	46	46	46	46	46	47	47	47	48	49	49	48	47	47	47	45	44	44	44	44
State of weather: Nature of precipitation and time of beginning and ending	RB DNH RE 10NH																							
Amounts of precipitation	T																							
Cloudiness and other conditions	← Cloudy																			→ pt. Cldy	← Cloudy			→ Dfg
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	S	SW	S	S
Wind movement	14	13	14	13	12	13	13	12	13	12	16	14	13	14	11	11	8	8	8	7	7	6	4	3

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 11:03 a

Sunset: Time, 4:21 Character, Cloudy

Moonset: 10:05 p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	44	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 259

Average hourly velocity, 10.8 Extreme velocity, 19

Maximum velocity, 19 Direction, SW

Time began, 10:53 a.m.

Reduced barometer, 29.78 7 a. m. 29.88 7 p. m.

River gage, 3.6 ft.

Relative humidity, 93 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

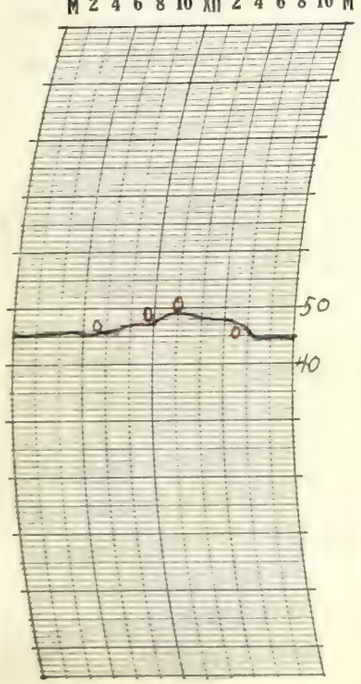
Dry temperature, 47.0 Wet temperature, 45.8

Dew-point, 45 R. humidity, 91 V. pressure, 298

Clouds: Amount, 10; Kind, stu Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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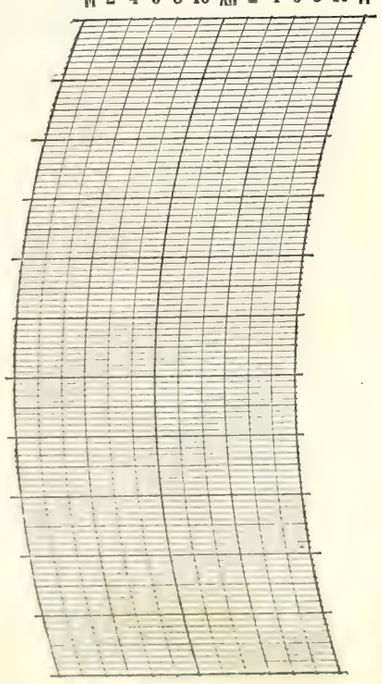
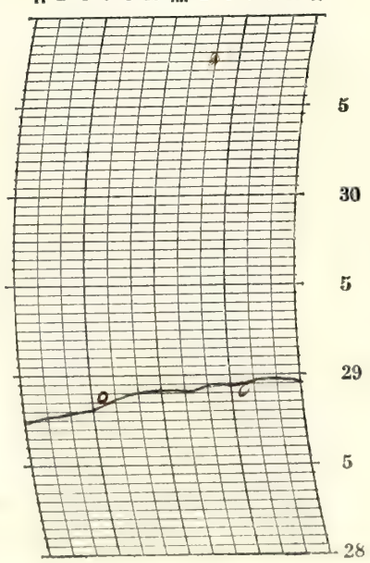


BAROGRAPH.



Prepared by CJS

Verified by E.G.H.

8—480

NOTES

The sky was completely overcast all day except that shortly after 7:00 p.m. it cleared until .5 of the sky was clear. The moon and stars were visible between the clouds. By 8:00 p.m. a fog commenced to form becoming light at 8:10 p.m. and continued. Dense fog was reported about midnight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 30 1927, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	42	40	39	37	36	35	35	35	35	35	35	34	34	33	32	32	32	32	32	31	31
State of weather: Nature of precipitation and time of beginning and ending				RB DNa																				
Amounts of precipitation						T									16							10		
Cloudiness and other conditions	Dense fog		Fog										Cloudy											

Sunrise: Time, 7:06; Character, Cloudy. Moonrise: 11:31a

Sunset: Time, 4:22; Character, Cloudy. Moonset: 11:35p

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0.5	0	0							
Wind direction	S	NW	NW	NW	NW	N	N	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	2	2	2	4	5	7	9	9	8	9	11	11	11	12	13	11	13	14	15	14	15	13	12

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	31	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 16 ins.

Total precipitation, midnight to midnight, 26 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 225

Average hourly velocity, 9.4 Extreme velocity, 19

Maximum velocity, 18 Direction, NE

Time began, 7:50 p.m.

Reduced barometer, 29.91 7 a. m. 29.82 7 p. m.

River gage, 4.5 feet

Relative humidity, 100 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

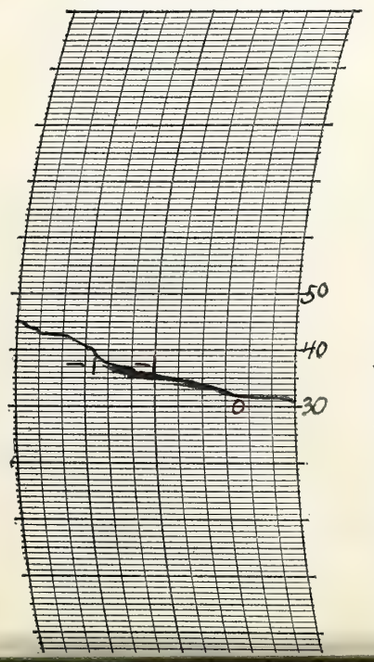
Dry temperature, 35.2 Wet temperature, 35.2

Dew-point, 35 R. humidity, 100 V. pressure, 203

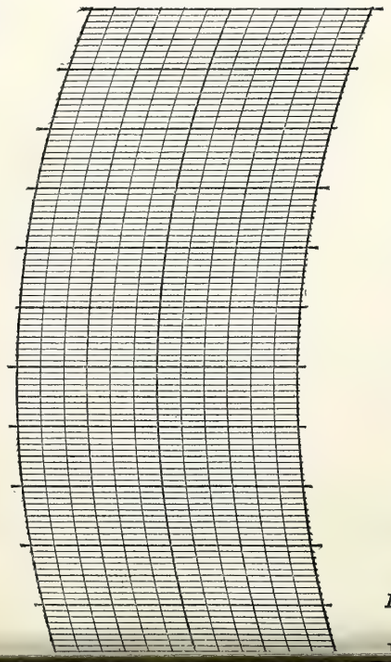
Clouds: Amount, 10; Kind, ak; Direction, NE

Velocity of clouds (miles per hour)

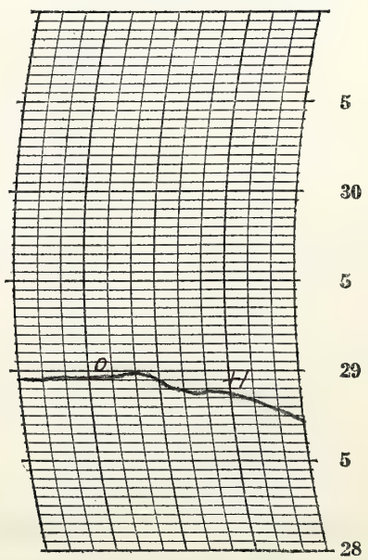
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by EAL

NOTES

The dense fog was reported to end about 1:00 a m and a light fog continued. During the early morning this turned into a mist. Precipitation fell practically all the time

Cold wave warning received 8:34 a m

Flag hoisted 8:41 a m

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 31 1927, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	30	30	28	26	24	23	22	22	22
Nature of precipitation and time of beginning and ending			RF DNa	SD B DNa		SD E DNa	SD B 6:30	SD E 7:10	SD B 8:48	SD E 9:40		SD B 11:15
Amounts of precipitation				16				X				
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	N	N	N	N	N	N	N	NW	NW	NW
Wind movement	13	15	14	13	12	11	11	13	12	11	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	22	22	15	12	11	9	8	7	5	3
Nature of precipitation and time of beginning and ending			SD E 2:20 SD B 2:50									SD E DNp
Amounts of precipitation										T		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0.6	0	0							
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W
Wind movement	14	15	15	15	14	18	15	16	18	18	15	16

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 11:58 a

Sunset: Time, 4:22 Character, Cloudy

Moonset: ---

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	3	17	1

Total depth of snow for 24 hours ending 7 p. m., 24 inches.

Snow, sleet, and hail on ground 7 p. m., 20 inches.

Total snowfall, midnight to midnight, 24 inches.

Precipitation to 7 a. m., .26 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .30 inches.

Character of day, Cloudy Moon phase, First Quarter 5:22 a. m.

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.6 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 6

Prevailing wind direction, W Total wind, 345

Average hourly velocity, 14.4 Extreme velocity, 27

Maximum velocity, 22 Direction, W

Time began, 9:43 p.m.

Reduced barometer, 29.63 a. m. 29.84 p. m.

River gage, 7.2 fall

Relative humidity, 89 a. m. 92 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

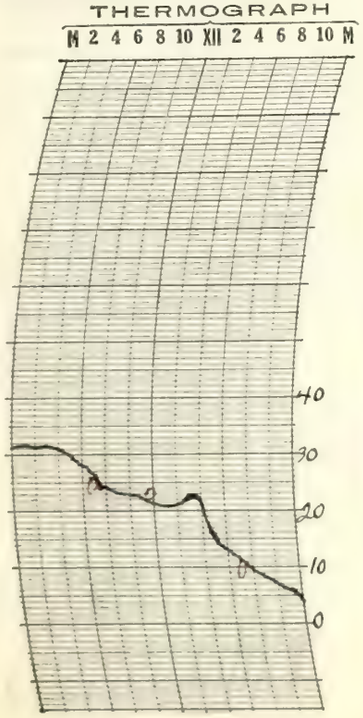
Dry temperature, 21.7 Wet temperature, 21.0

Dew-point, 19 R. humidity, 90 V. pressure, .098

Clouds: Amount, 10; Kind, st. cu.; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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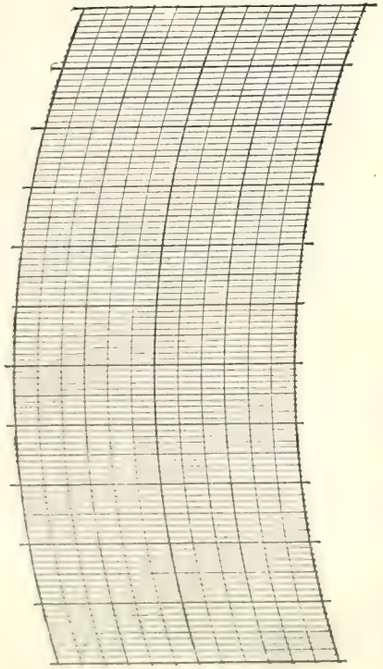
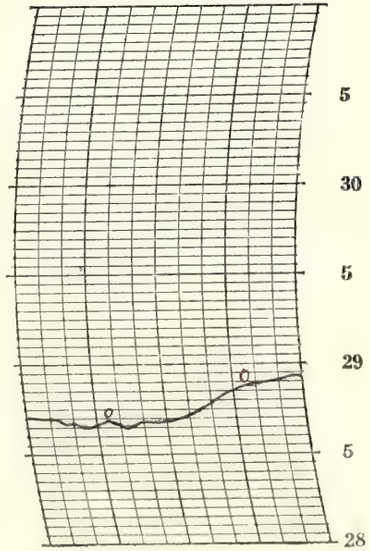


BAROGRAPH.



Prepared by GS

Verified by E.L.H.

8—480

NOTES

Sleet commenced falling some time after 2:00 a.m. and covered the streets with ice. Glaze formed upon branches and exposed wires. Light snow fell during the early morning until near noon when the heavy snowfall commenced.

The snow became packed on the sidewalks and was slippery.

Cold wave warning received 8:35 a.m.

Flag hoisted 9:00 a.m. Tackle frozen

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

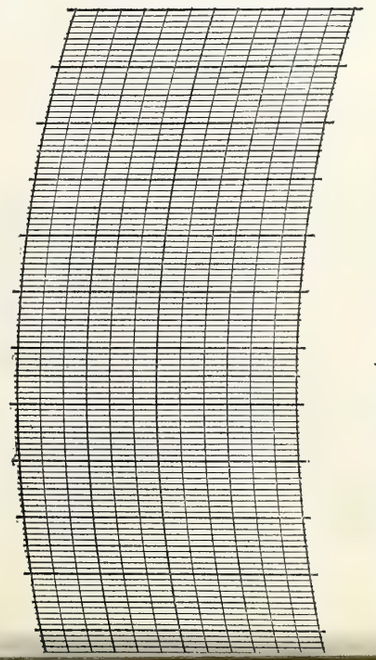
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH



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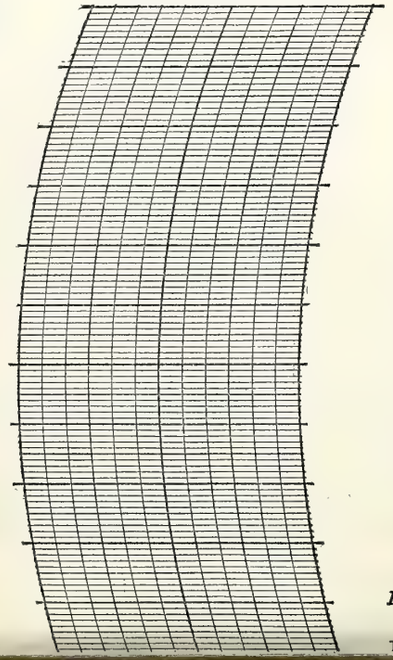
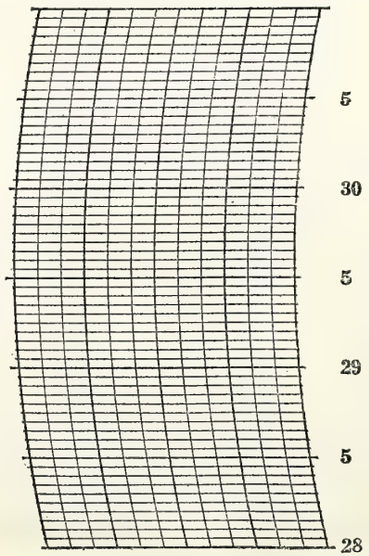


BAROGRAPH.



Prepared by _____

Verified by

NOTES

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____

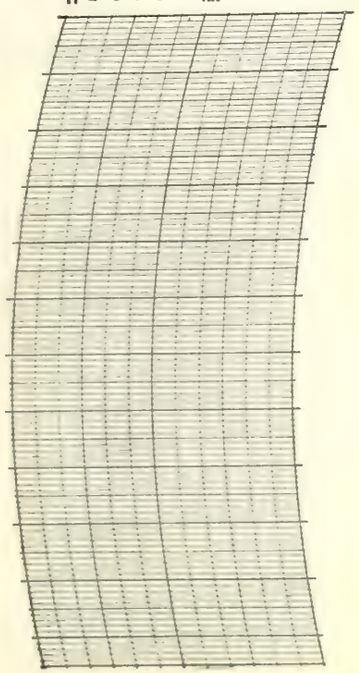
Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

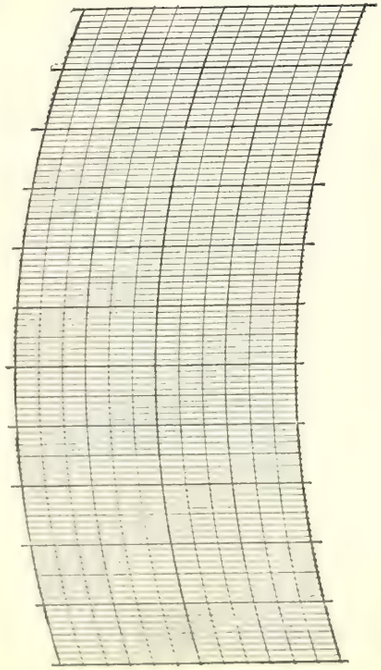
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



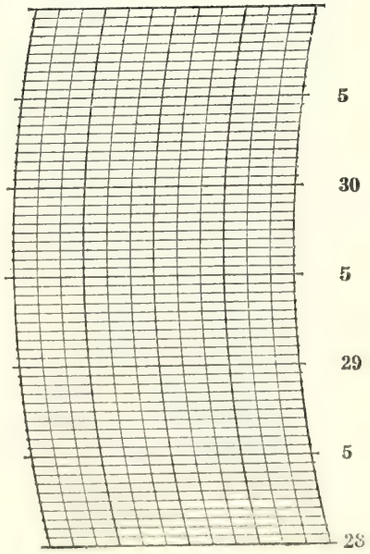
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

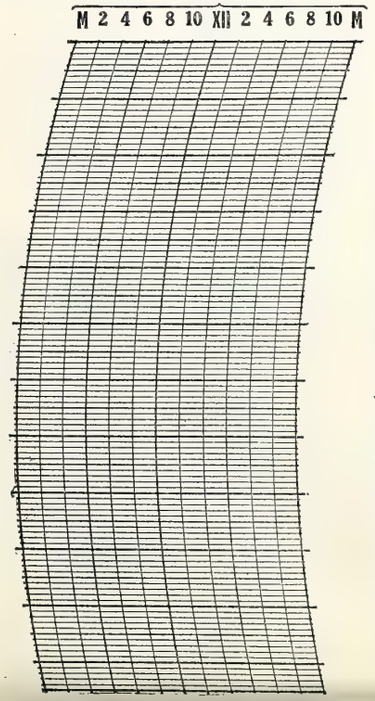
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

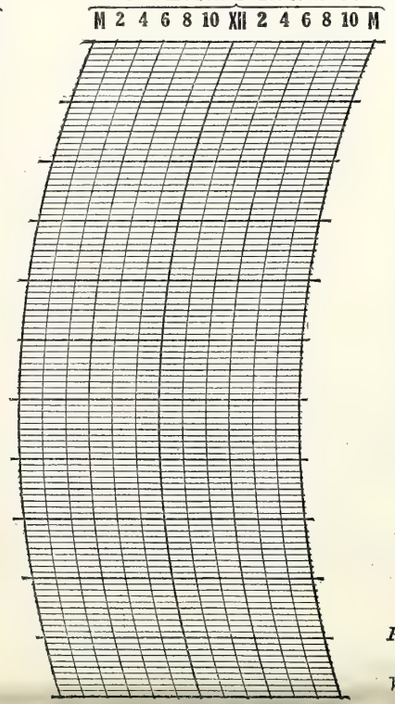
Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

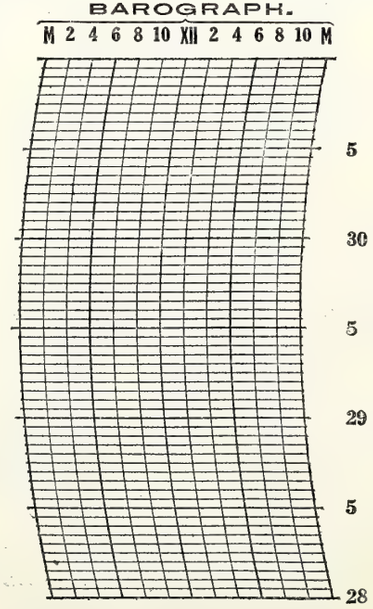
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____

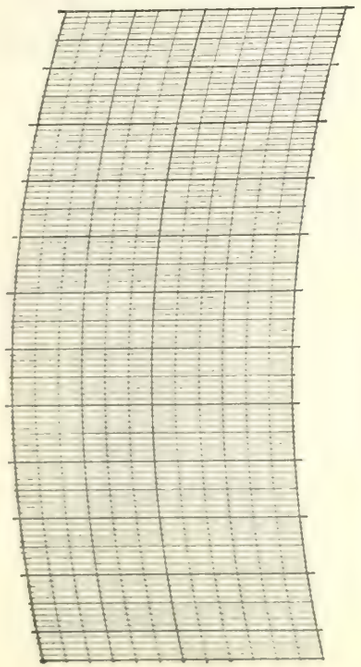
Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



THERMOGRAPH

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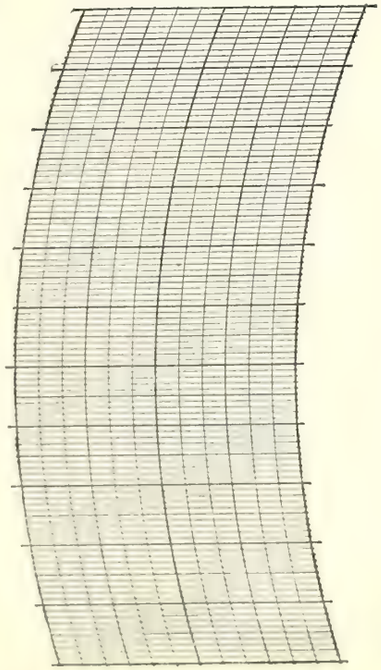
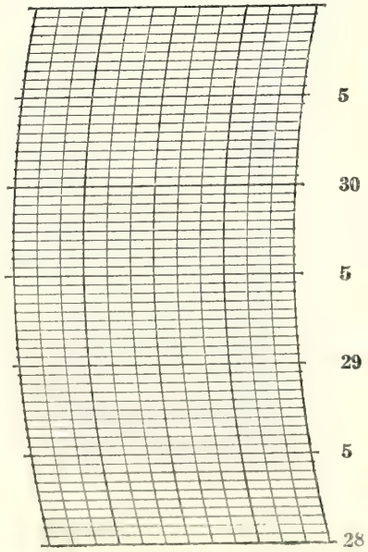


BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

NOTES

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

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Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____

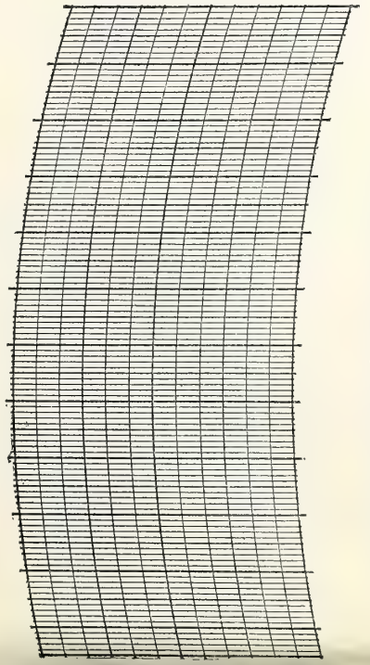
Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



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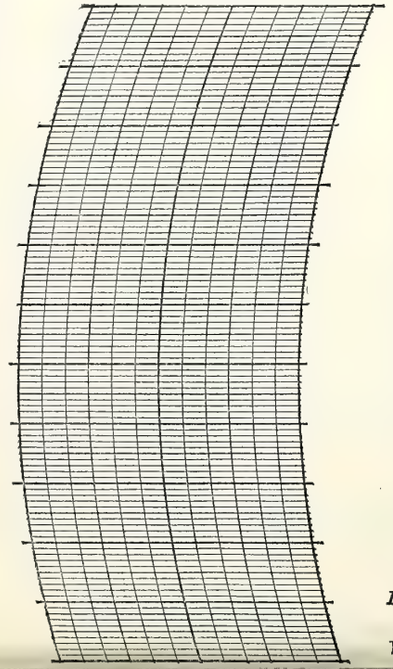

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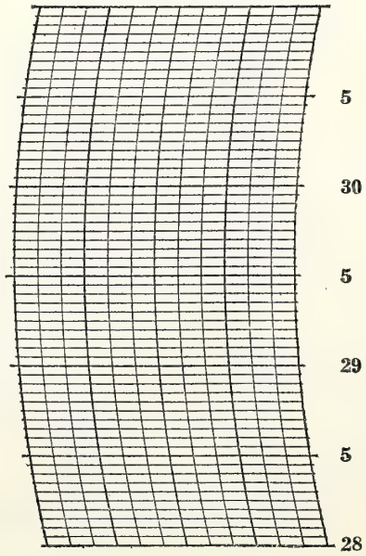
M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
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Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
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Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

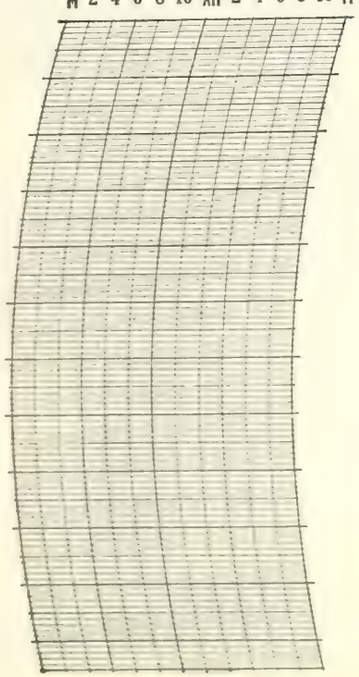
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH



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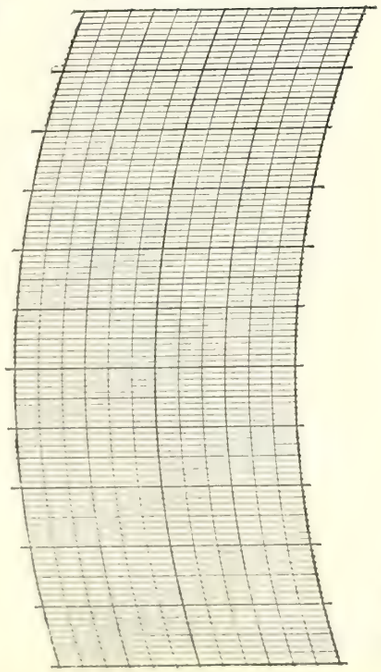

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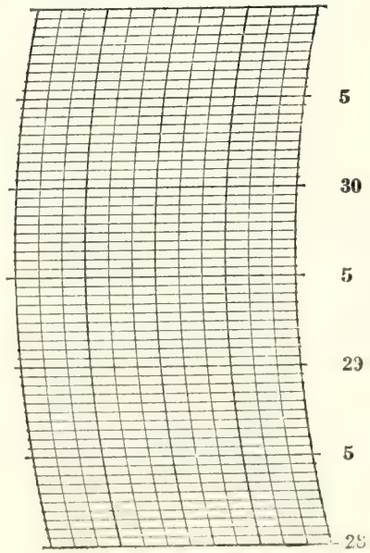

Prepared by _____

Verified by _____

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
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Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.														
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
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Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

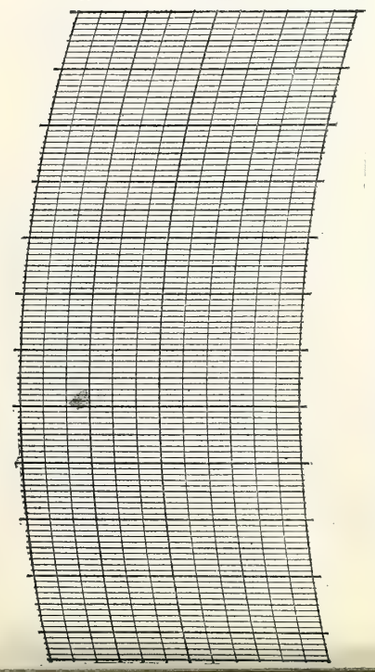
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

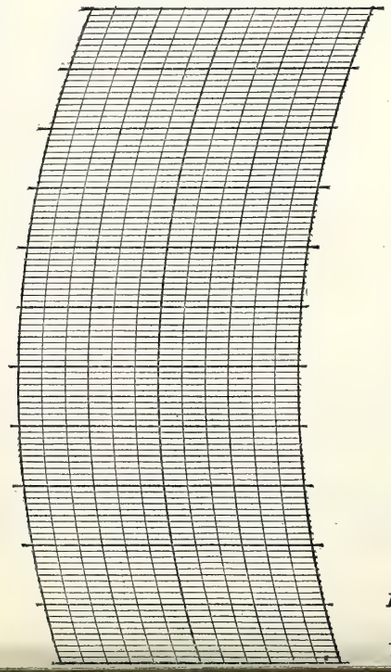
Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

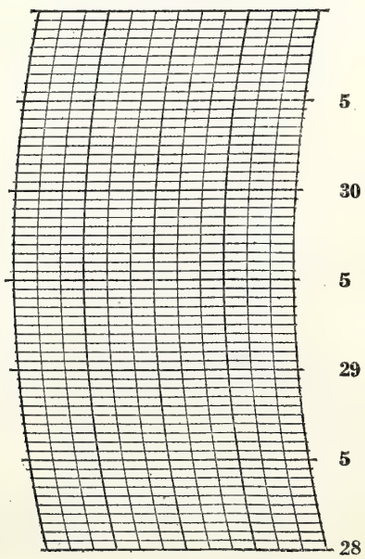
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

INDEX, DAILY LOCAL RECORD, 1927

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras												
Clouds, special formation												
Cold waves	14, 26											6, 30, 31
Dew, heavy deposits of		23		17	1, 13	11, 19	8, 18	1, 4, 11, 20, 21, 24, 25, 29	5, 6, 11.			
Droughts												
Earthquakes												
Fires, forest												
Fog, dense	21, 29	3, 5, 14, 17								30		30, 31
Floods, other than in rivers												
Frosts, light				4	17				21	9, 10, 17		
Heavy										15		24
Killing				7, 8, 11, 22, 23, 24						18		
First killing after July 15										18		
Last killing before July 15				24								
Last heavy before July 15												
First heavy after July 15										15		
Hail. *See* Precipitation												
Ice			20, 26									
Lightning, damage by							28	7				
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late												
Special	13, 17, 21	22			27, 31				29		14, 15, 29, 30	
Optical phenomena, haze					10					23		
Coronæ — Lunar / ~~Solar~~	10 / 14		10 Lunar	Lunar 12, 18		Lunar 12			Lunar 8			
Halo, lunar		12, 13, 18		7, 9, 12, 13, 17.	7	11, 16	5			6		
Solar	7, 12, 16, 22, 24, 26	4, 9, 10, 11, 16, 18, 19, 21, 22, 23	1, 2, 9, 11, 16, 18, 19, 23, 25, 31	4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 20, 25, 26	1, 2, 3, 5, 6, 9, 13, 17, 22, 23, 27, 28	1, 3, 6, 11, 14, 15, 16, 17, 21	1, 5.	2, 3, 12, 14, 29	12, 19, 30	5, 6, 11, 16, 24		
Parhelia		21, 22, 23	25, 31	9, 26	2, 17, 27	1						
Parselenæ												
Rainbows					25							
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
Precipitation, rain, heavy			20	1, 18, 29	18, 24	4, 21	6		29			
Excessive					24, 29	21	6					
Sleet	23											31

ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 192

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.												
Snow, light	2, 6, 10, 14, 15, 23	18, 20, 26, 27, 28	1, 21, 26, 27	2, 21, 22, 23								
Heavy	9, 12-13, 18	13, 25									30	31
Hail												
Wet periods				13-19, 25-29	8-10, 18, 22-25, 28-30							
Rivers, rapid rise			20, 21	2, 19, 30	19, 25	5			30			
Flood stages			20 to 25								30-	1-5; 14-18
Low-water stages, unusual												
High water, periods of		1-10	20-25								29-	1-9; 14-19
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light	20	8	4			11		22				24
Dense												
Temperature, unusually high						29, 30	1, 12, 13, 27, 28	7	13, 14, 15, 16, 17			
Unusually low	15, 27							2, 24	21			
Sudden rise	16, 27	2, 5	10	4, 16	9, 13, 17, 21, 30	25, 28	6, 13	6, 7, 16, 29	5, 6, 7.			
Sudden fall	13, 14, 25, 26	8, 16, 18	13, 17, 26	4, 5, 6, 12, 19, 29	9, 23, 24, 25	4, 21, 25	6, 13, 14, 16, 28	1, 6, 7, 8, 18, 23	7, 18			
Periods of high		3-8, 15-17, 22-24				28-30	11-13, 26-28		1-17			
Periods of low	11-16, 26-27,											8-9, 31-
Thunderstorms		16	19	4, 15, 18, 19, 26, 27, 29	9, 19, 18, 23, 24, 25, 28, 29, 30.	3, 4, 21	6, 6, 7, 12, 28, 29. 30	7, 29	8, 10, 18, 29, 30	1, 3, 12	11, 29	
Tornadoes												
Warnings, advisory			20	19								
Cold wave	17	8, 17										
Emergency												
Frost				20, 21, 22, 23	4				20, 21, 22			
Hurricane												
Rapid rise in river												
Flood		1, 5,	21, 22, 23									
Winds, 25 to 39 miles per hour	4, 26, 28, 30.	1, 3, 6, 11, 16, 18, 19, 20, 25.	6, 20, 26	1, 4, 5, 6, 10, 13, 14, 16, 19, 21, 24, 26, 29	10, 14, 15, 16, 17, 23, 25, 26	4, 10, 25	1, 6, 7, 13, 28	6	20, 29, 30	2, 3, 7, 12		
40 miles per hour, or over					9						11	7
Hurricanes												
Circumzenithal Arc		21, 23			9							
46° Solar Halo		23	25	5	27	16						
Parhelic Circle			25									
Damage by winds					23		6-7					
Total Eclipse of Moon						15						
Comet						26, 27						

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